



STAFF REPORT

TOWN COUNCIL MEETING OF NOVEMBER 13, 2012

To: Town Council

From: Town Manager

Date: November 1, 2012

Subject: League of California Cities Conference – Discussion of Exhibitor/Vendor offerings

RECOMMENDATION:

Discuss and direct staff.

DISCUSSION:

Attached is the staff report from the October 10, 2012 Town Council meeting. This item was continued from the October 10, 2012 meeting to the November 13, 2012 Town Council meeting.



STAFF REPORT

TOWN COUNCIL MEETING OF OCTOBER 10, 2012

To: Town Council

From: Town Manager

Date: September 27, 2012

Subject: League of California Cities Conference – Discussion of Exhibitor/Vendor offerings

RECOMMENDATION:

Discuss and direct staff.

DISCUSSION:

From September 5 -7, 2012 a number of Town Council members, the Town Manager and Clerk attended the League of California Cities Annual Conference. Along with several informative educational sessions occurring during the conference, the Exhibit Hall contained approximately 250 vendors exhibiting several different products and services from Municipal Financing firms to Fire protection equipment manufacturers. At the September 9, 2012 Town Council meeting, the Council requested that a discussion come back to the Council regarding what vendors/services you would like staff to pursue.

This agenda item will allow the Council members to express direction to staff to investigate further any of the products and services that you may have seen during the convention.

There were many services and products which caught my attention. The following stood out as they have been discussed previously by Council in one form or another.

The first product is called **PublicStuff** (see attachment). This is a program which allows the public the opportunity to report issues directly to Town staff using a free download app for an iphone, blackberry or android phone. The application can also be downloaded and accessed through the web. For example, a report is received that there is a downed tree limb on Brace Road. The report would go directly to the Department Director responsible (in this case Public Works) with a GPS location as well as the option for a photo. The work item would then be relayed by the Public Works Director to the Public Works staff. Once the issue is resolved, the staff would log that into the system, again with the option of a photograph, report the issue resolved and the reporter of the issue would be notified the problem has been resolved. The program also allows for the creation of reports so the Town can track the number of reports that are submitted and our responsiveness. The best part of the program is that it is offered **free** for Cities with populations less than 10,000.

The second item previously mentioned by Council is the filming and web broadcast of the Town Council meetings. While at the conference I had extensive discussions with a firm by the name of **Granicus**. Their specialty is “connecting Government” with platforms such as streaming web broadcasts of Council meetings (see attachment). Through our discussions and my desire to keep the cost low, the Granicus staff indicated I could begin the program by purchasing one camera and DVR unit. Two or more cameras would require a dedicated staff member to switch between cameras and could be costly. The single camera would be set up to capture the Council and podium speakers. As the meeting progresses and is being filmed, the time of each item would be noted. After the meeting, a copy of the filmed meeting, along with the Agenda and timing would be electronically transferred to Granicus. There the recording would be converted for Web posting along with agenda “tagging”. The finished product would then be posted on the Towns Web site. The agenda “tagging” would now allow a viewer to click on an agenda item and the recording would jump directly to that item, instead of searching through the entire meeting. I have also talked to Wave Broadband. They would be willing to air the recorded meetings on the Public Government Channel. Granicus has indicated that the cost of this service would be \$148 per month (\$1,776/year). Direction would be needed for staff to pursue this item further and return with a final cost estimate.

In addition, staff has attached a flyer from Asphalt Zipper. Council Member Scherer was interested in this product. The Asphalt Zipper is an attachment for either a front end loader or backhoe which crushes, pulverizes, and blends existing asphalt to establish a base for repaving. As the Town does not have a frontend loader, we would be limited to use of our backhoe. This would limit the Town to a 30 inch cutting width. The attachment would be used to repair roads and open utility trenches, allowing for the reclamation of existing road materials.



Product Presentation for Loomis, CA

September 2012

Contact: Ron Zheng | Regional Manager
347-442-7227 ext.23 | ron@publicstuff.com

ENTERPRISE ADOPTION



1950



1970



1990



2010

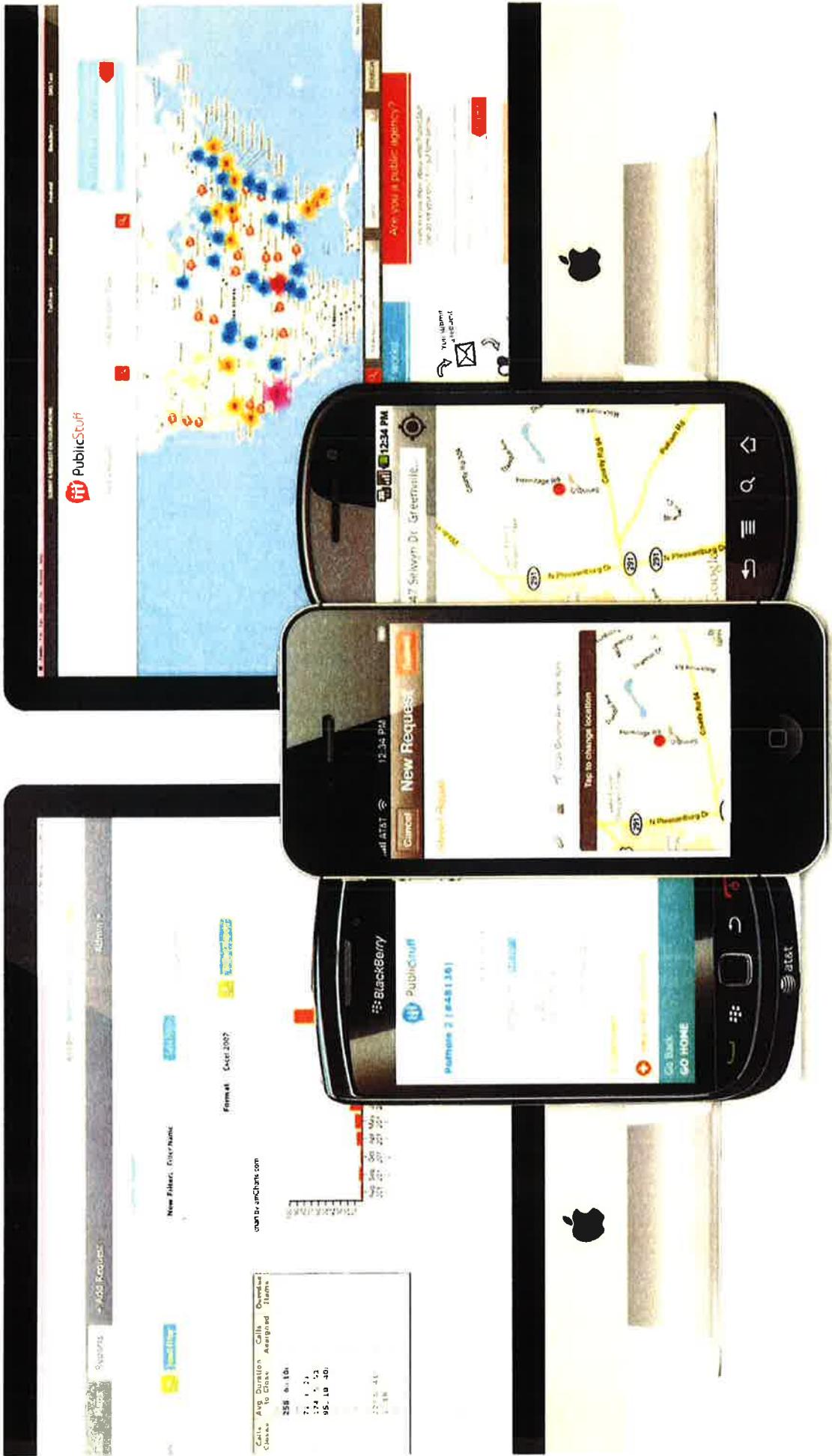
TELEPHONE

FAX

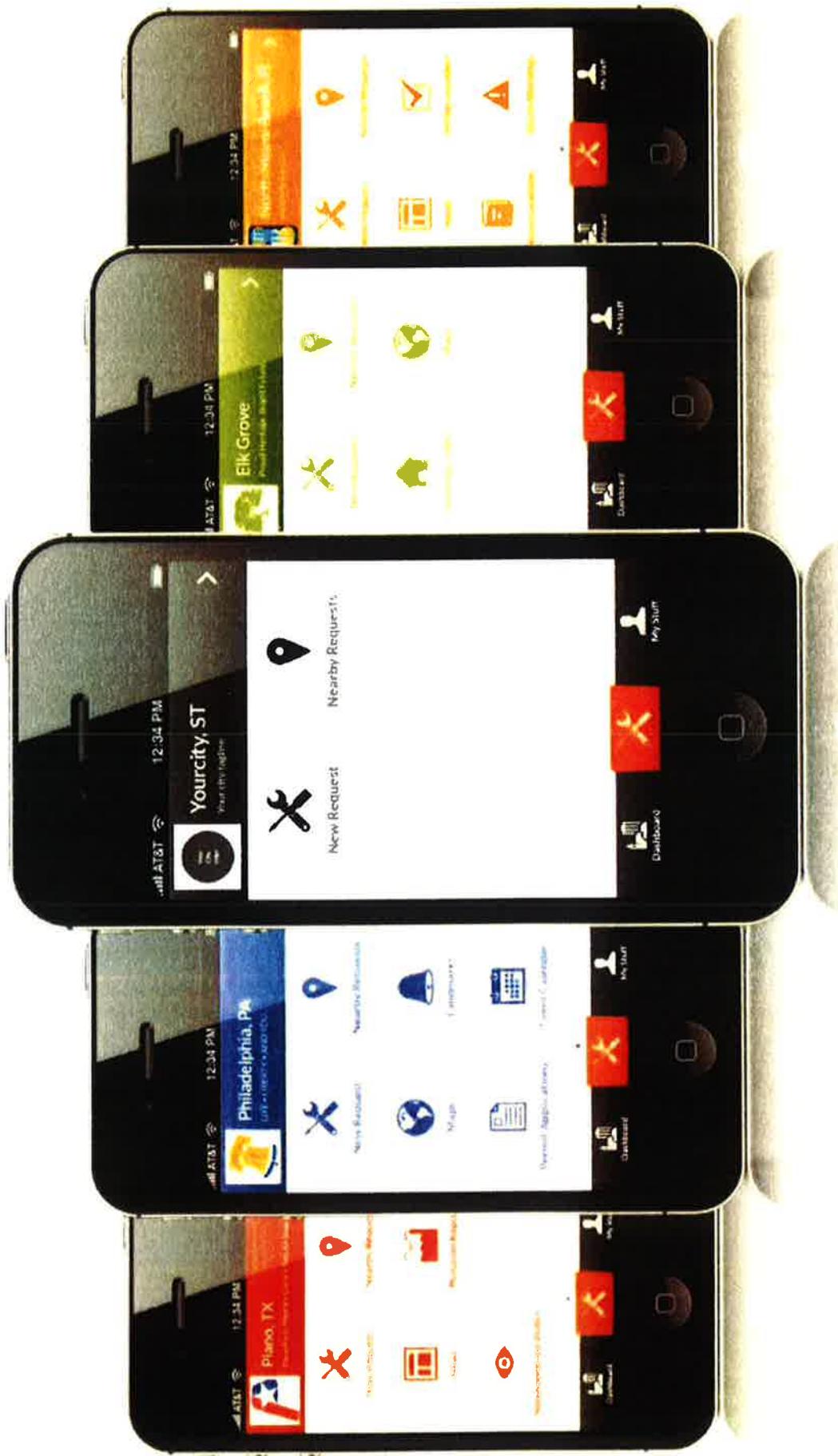
EMAIL

CRM SYSTEMS
& MOBILE

Government CRM & Mobile Platform For Civic Engagement



One application. Limitless customization.

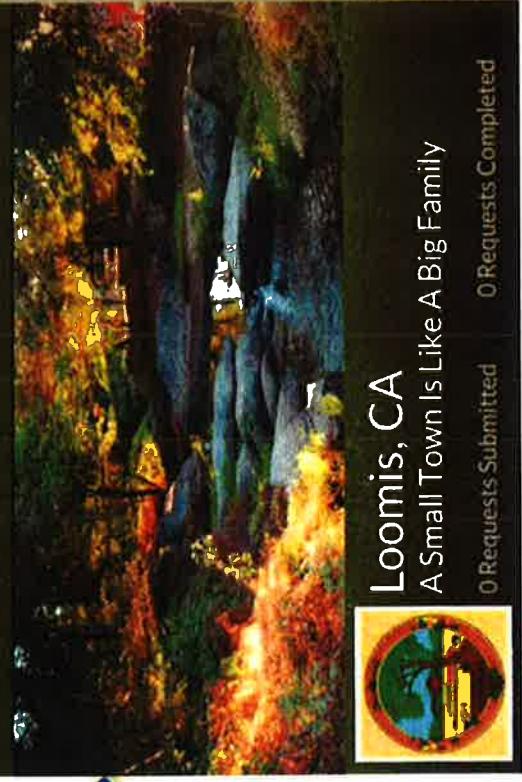




AT&T 4:30 PM 62%

City Profile

Dashboard



Loomis, CA

A Small Town Is Like A Big Family



0 Requests Submitted

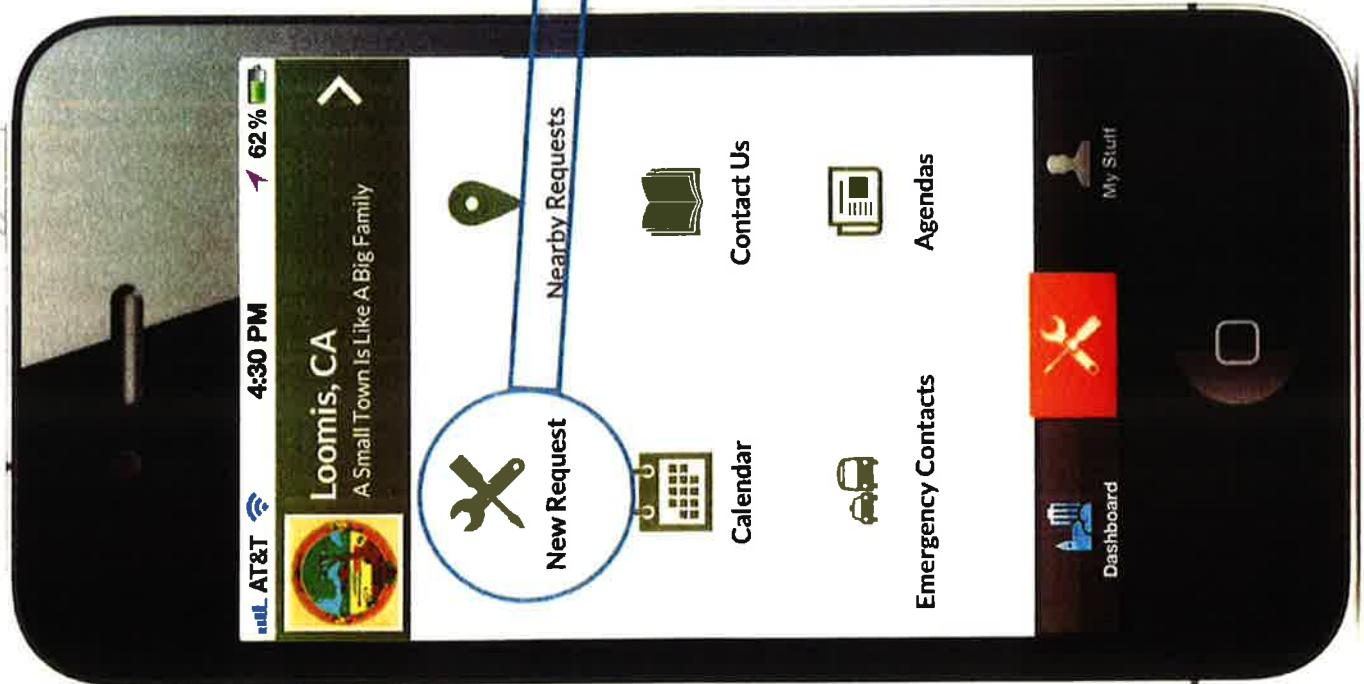
0 Requests Completed

Follow City

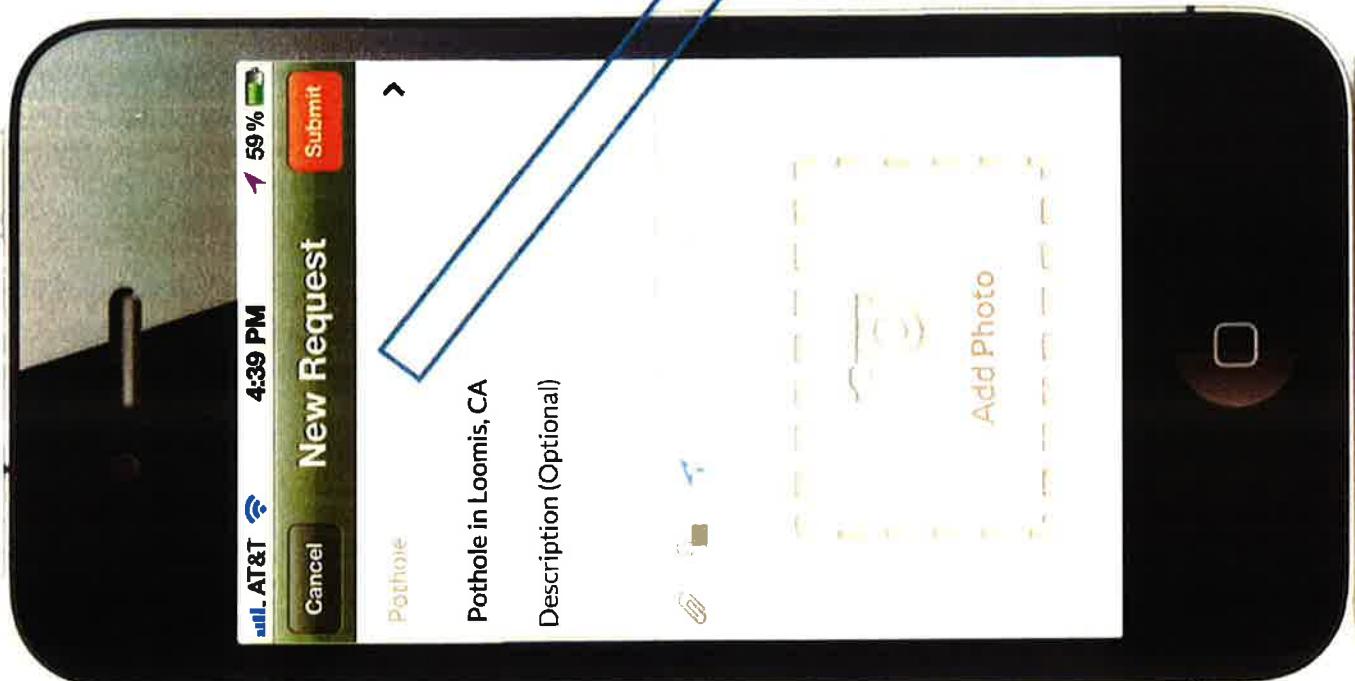
About Loomis, CA

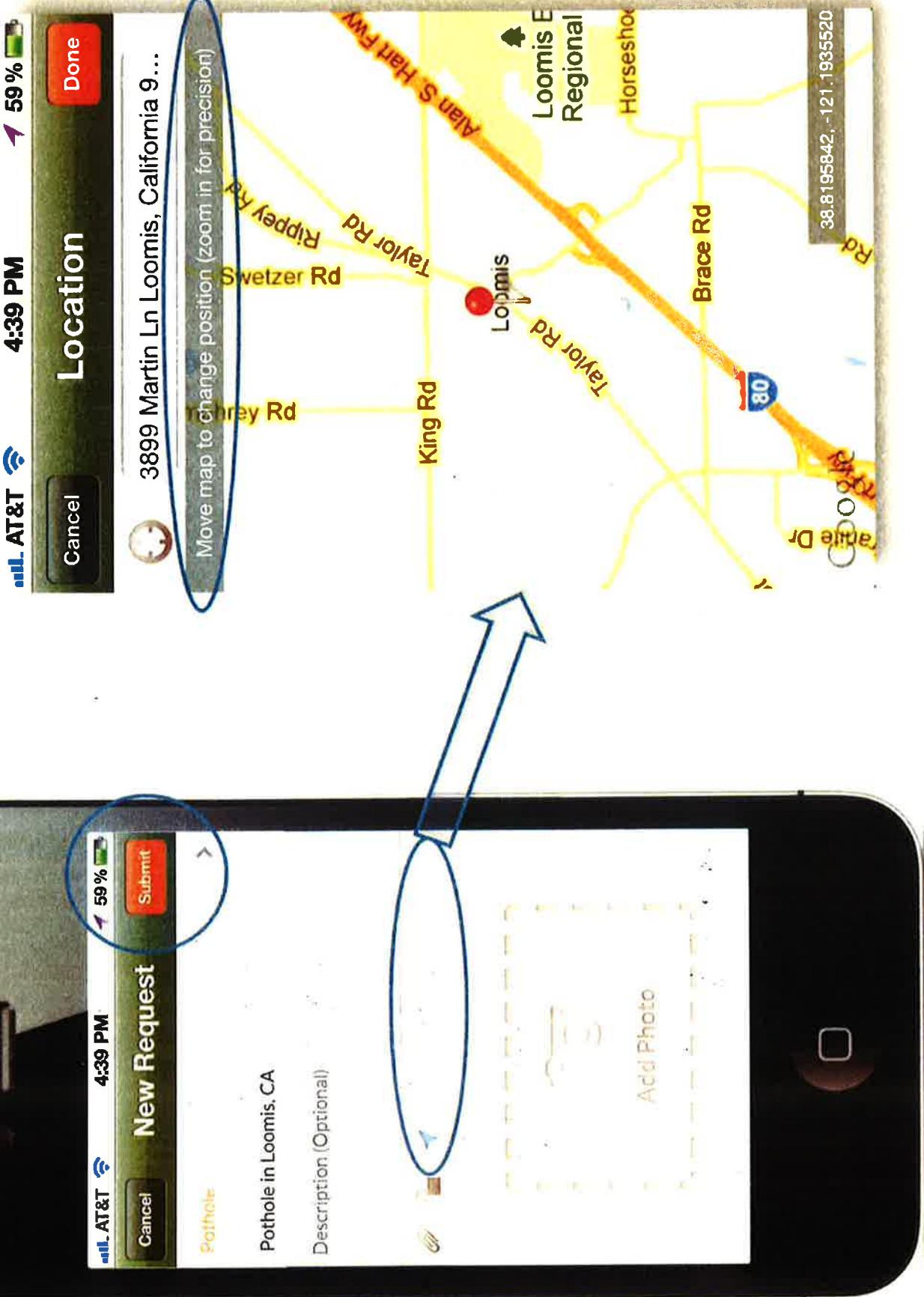
The Town of Loomis is a quaint, family-oriented community. Established in 1850 and incorporated in 1984, Loomis retains its rural character and charm with its large residential lots and custom homes, an old-fashioned downtown, and woodlands with natural streams and rolling hillsides.

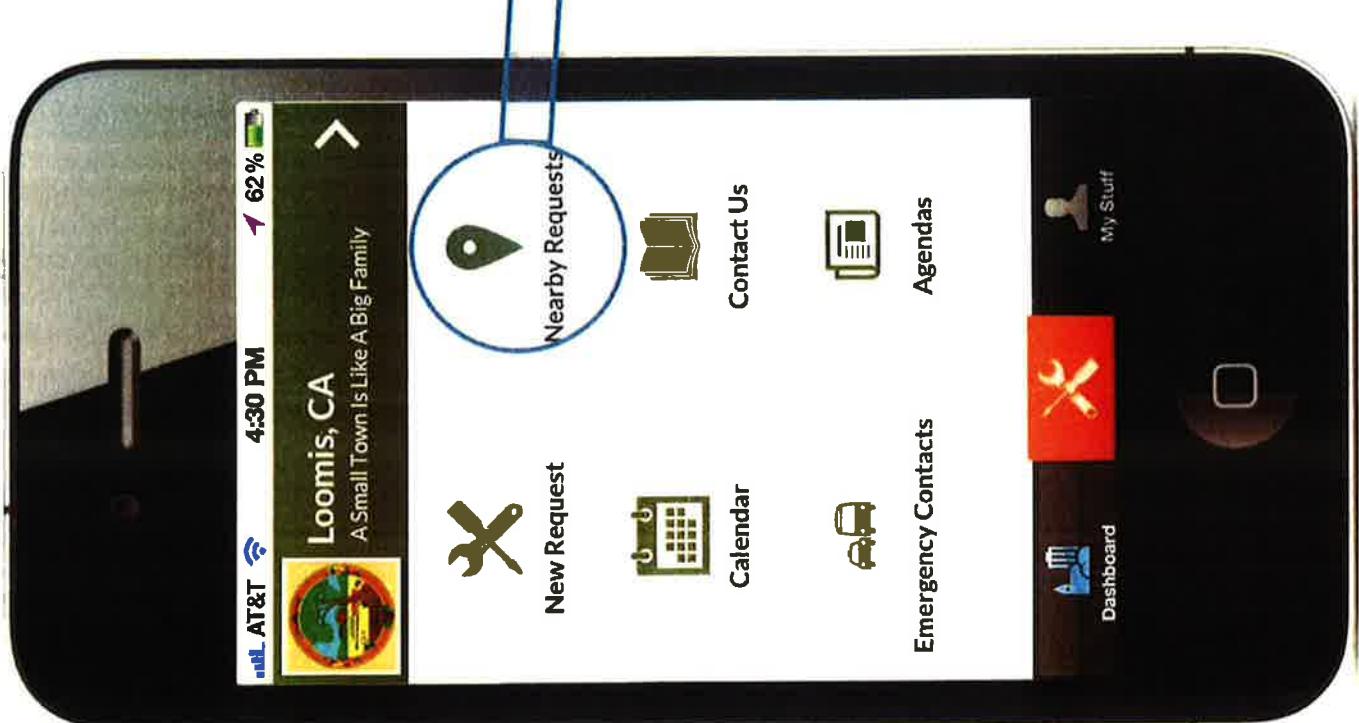
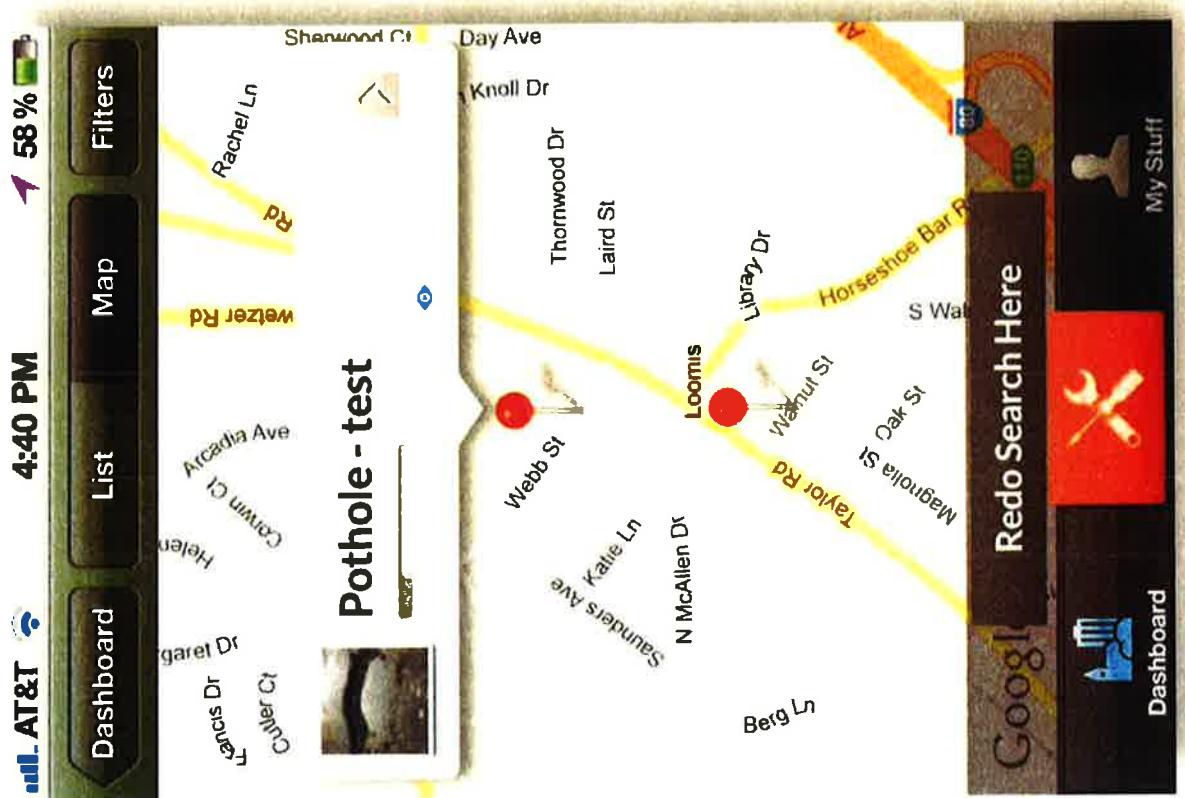
Loomis is located along Interstate 80 in Placer County. Citizens can choose to participate in the hottest job market in California, shop at a variety of businesses located in and around Loomis, or spend a quiet and serene afternoon in the country side. Loomis

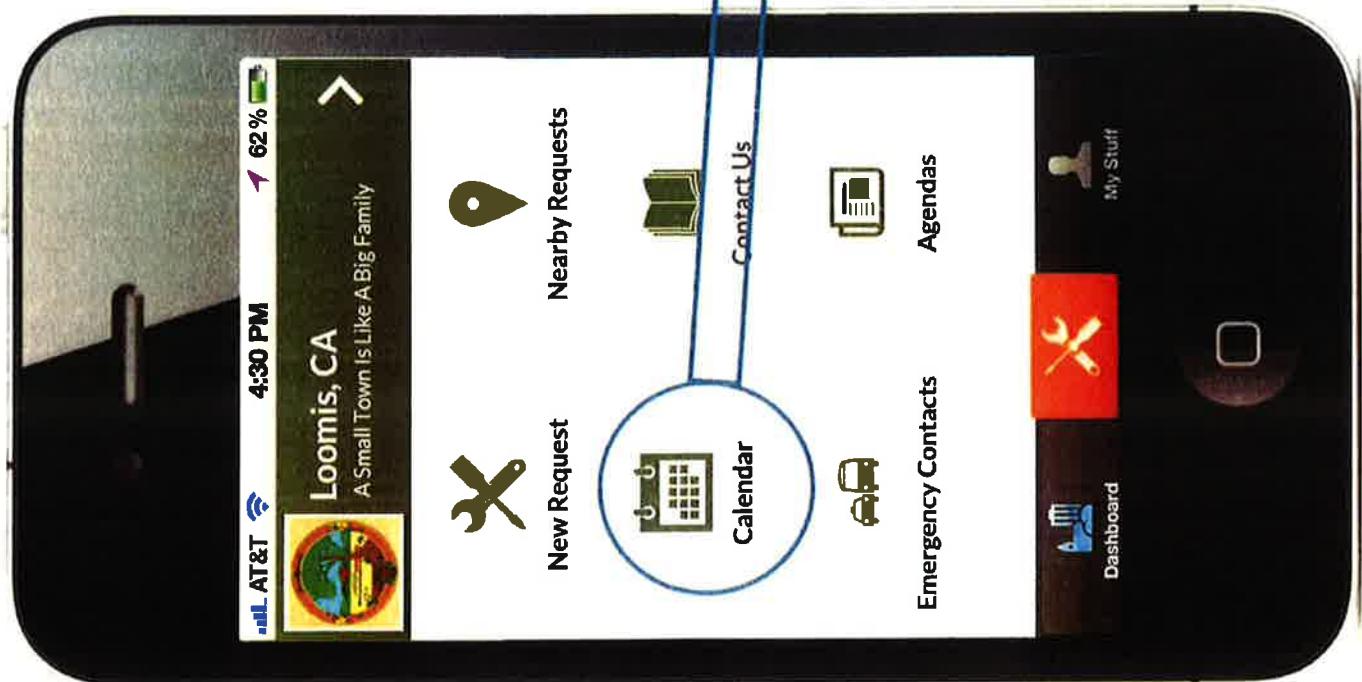


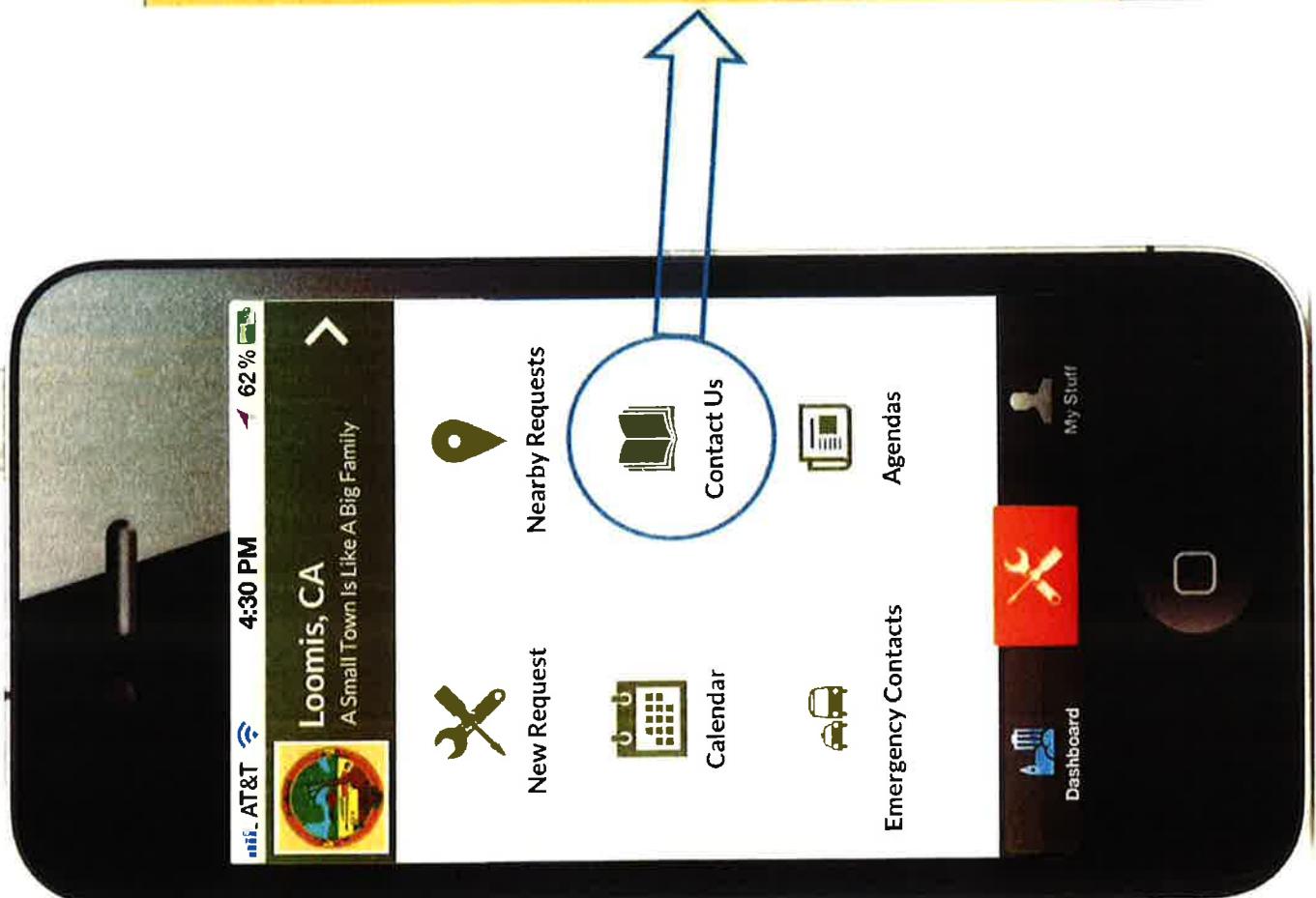
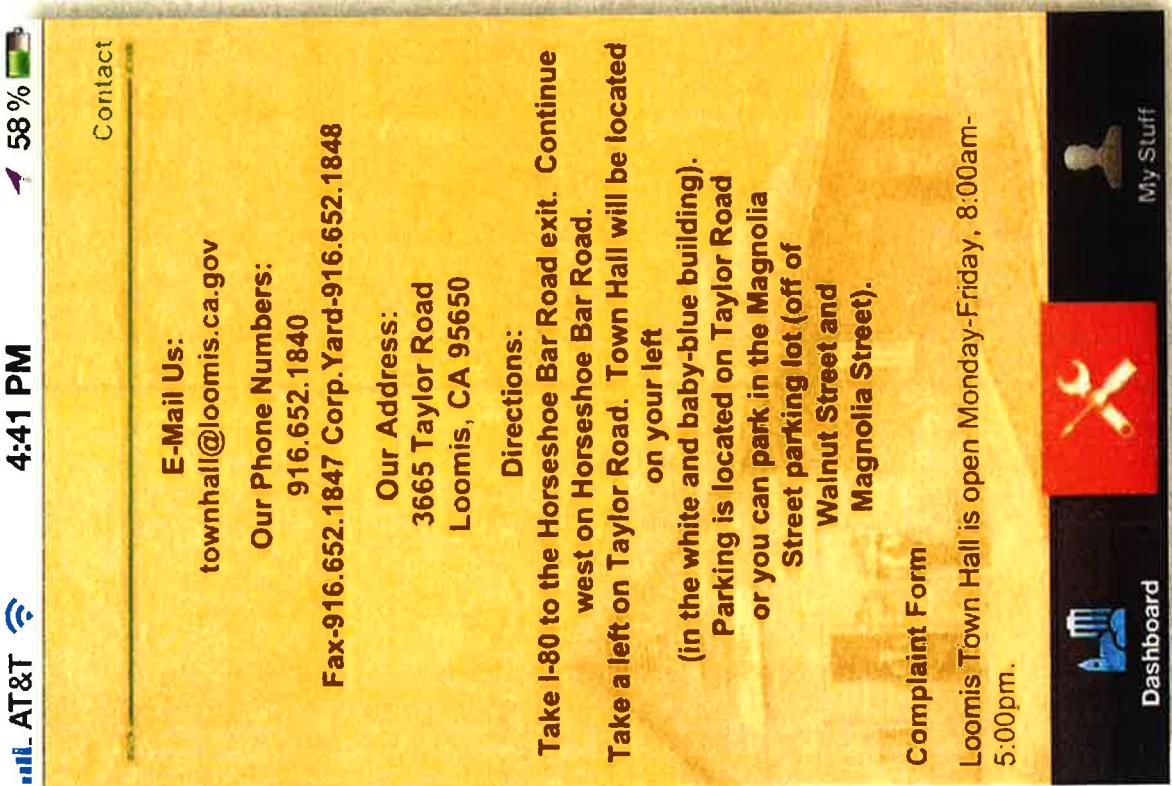
The smartphone screen displays a "New Request" form. At the top, there is a red "Submit" button and a black "Cancel" button. The title "New Request" is centered above the input fields. The first input field contains the text "Pothole" in orange. Below it is a larger text area labeled "Description (Optional)". To the right of the text area are icons for a paperclip, a lock, and a camera. On the far right, there is a "Add Photo" button with a camera icon. The background of the form has a decorative pattern of small yellow and green shapes.







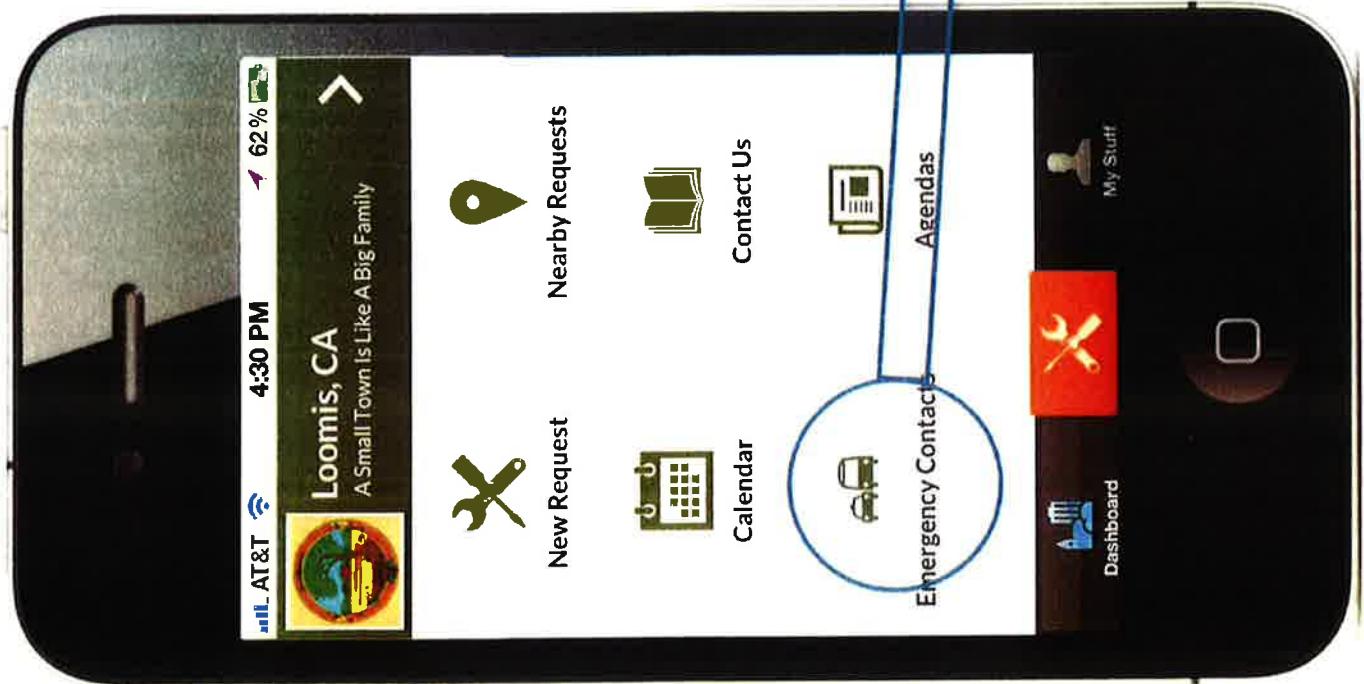




AT&T 4:41 PM 58%

Emergency and Service Contacts

- Sheriff's Emergency, Fire 911
- Non-Emergency Sheriff's Office.....652-2400
- Loomis Fire Department....652-6858
- Placer County Environmental Health....(530) 745-2300
- Placer County Water Agency Service & Emergency
(530) 823-4850
- South Placer Municipal Utility District Service & Emergency 786-8555
- Garbage Service (Recology Auburn Placer)(530) 885-3735
- Air Quality....(530) 745-2330
- Animal Control.... (530) 886-5500
- Building Inspection 652-1840 x.14
- PG&E Service and Emergency...(800) 743-5000
- Town Hall..... 652-1840
- Town Hall Fax....652.1847
- Town Corporation Yard (Mandarin Court)....652.1848
- After Hours Traffic Emergency Contacts



AT&T 4:42 PM 58% 

Town Council Meeting 2

- All agenda attachments and exhibits are posts in Adobe Acrobat's Portable Document Format
- To open and print PDF files, you need to install the PDF Reader, available FREE from Adobe. If you don't already have it, please click here.
- Please note some reports may not have all attachments available for viewing. If an attachment is not available on this site, it will be available in the Town Clerks Office located at Town Hall
- Test

 Download agenda for 2012-09-11

 Download report: Action Minutes

 Download report: Register Report

 Download report: Statement of Activity

 Download report: Treasurer's report

 Download report: Town Council Goals

 Download report: Conflict of Interest Code Amendments

 Download report: Peter Oakes Benefit Fee Waiver Request

 Download report: SED Corp Presentation

 My Stuff

 Dashboard

AT&T 4:30 PM 62% 

Loomis, CA >

A Small Town Is Like A Big Family

 New Request

 Nearby Requests

 Contact Us

 Agendas

 Calendar

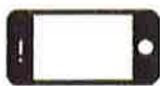
 Emergency Contacts

 Dashboard

 My Stuff



Wildcard!



It's possible to create ANY widget of your choosing seamlessly and in real time with our mobile customization page. Popular widgets include:

- Seasonal Business Promotions
- Bike Paths
- Transportation Routes
- Town Hall Meeting Info
- Local Weather / News
- Utilities / Bill Payment
- Census Data
- Better Business Bureau
- And Much More!



Powerful CRM Tools For City Staff

The screenshot displays a user interface for a CRM system designed for city staff. The top navigation bar includes links for Requests, Maps, Reports, and Admin. The main content area features several sections:

- Open Requests:** A table showing 10 open requests with columns for Title, Requester's Name, Status, and Last Update.
- Completed Requests:** A table showing 10 completed requests with columns for Title, Requester's Name, Status, and Last Update.
- Upcoming Requests:** A table showing 10 upcoming requests with columns for Title, Requester's Name, Status, and Last Update.
- Announcements:** A section listing recent announcements with titles like "New Feature: Request Tracking", "Training Session: CRM Overview", and "Employee Spotlight: Sarah Johnson".
- Maps:** A map view showing locations of various assets or service points.
- Reports:** A section for generating reports, with a link to "Generate Report".
- Admin:** A section for managing users and settings.

PublicStuff

account.publicstuff.com

PublicStuff Pro ~ Dashboard

Easy Navigation Bar

Your new requests:

Title	Request Type	Status	Tracking Number	Submitted On	Message
• Dumbbell rack	Equipment	Submitted	1234567890	2023-01-01	Message 1
• Extra dumbbells	Equipment	Submitted	1234567890	2023-01-01	Message 2

New Requests

Your open requests:

Title	Request Type	Status	Tracking Number	Submitted On	Message
• Dumbbell rack	Equipment	Received	1234567890	2023-01-01	Message 1

Requests in Progress

Announcements

I from PublicStuff

chart by amCharts.com

Request submitted by week

Source: amCharts.com (request submission)

Trends

chart by amCharts.com

Request submitted by week

Source: amCharts.com (request submission)

The screenshot displays the PublicStuff Pro software interface, specifically the 'Dashboard' section. At the top, there are navigation links for 'PublicStuff Pro - WebSite', a back arrow, a user icon, and the URL 'account.publicstuff.com'. Below the header, the 'PublicStuff' logo is visible.

The main dashboard area features several filter options:

- All Departments
- All Staff
- All Types
- Open Requests
- All Promises

Below these filters, there are search fields for 'Enter address here', 'Enter user Name Email or Phone Number', 'Enter text here', and another 'Enter text here' field. A 'None' button is also present.

The central part of the dashboard shows a table of open requests:

Request ID	Title	Description	Address	Status	Date Submitted	Fromage	Rating
PS-12345	Water Main Break	Water main break at 123 Main Street	123 Main Street	Received	2023-08-15	High	5.0
PS-12346	Power Outage	Power outage in the neighborhood	750 Elm Street	Submitted	2023-08-16	Medium	4.5
PS-12347	Street Light Out	Street light out on Elm Street	145 Elm Street	Submitted	2023-08-17	Low	3.0

A blue callout box on the right side of the dashboard is labeled 'Powerful Database Search Capabilities'.

Powerful Database Search Capabilities

PublicStuff.com - Map

C account.publicstuff.com

PublicStuff

Dashboard Requests Maps Reports

Add Request

Map Satellite

Admin

Existing Filters: None

New Filter Filter Name

Save Filter

Pothole Test 1

Submission Date: 7/2/2012

Address: 100 Main Street

Location: City Center

Status: Pending Review

Description: Large hole in street

Class: Pothole

East Dale Ave

Map View

Request for Details

Request Mapview for Analysis

Powerful Filtering Tools

The screenshot shows the PublicStuff Pro - ESRI Map application interface. At the top, there's a header bar with a back arrow, a user icon, and the account name "account.publicstuff.com". Below the header is a navigation menu with "Dashboard", "Requests", "Maps", "Reports", "Admin", and "Saved ESRI Layers".

The main area features a map of a geographic region with several layers visible:

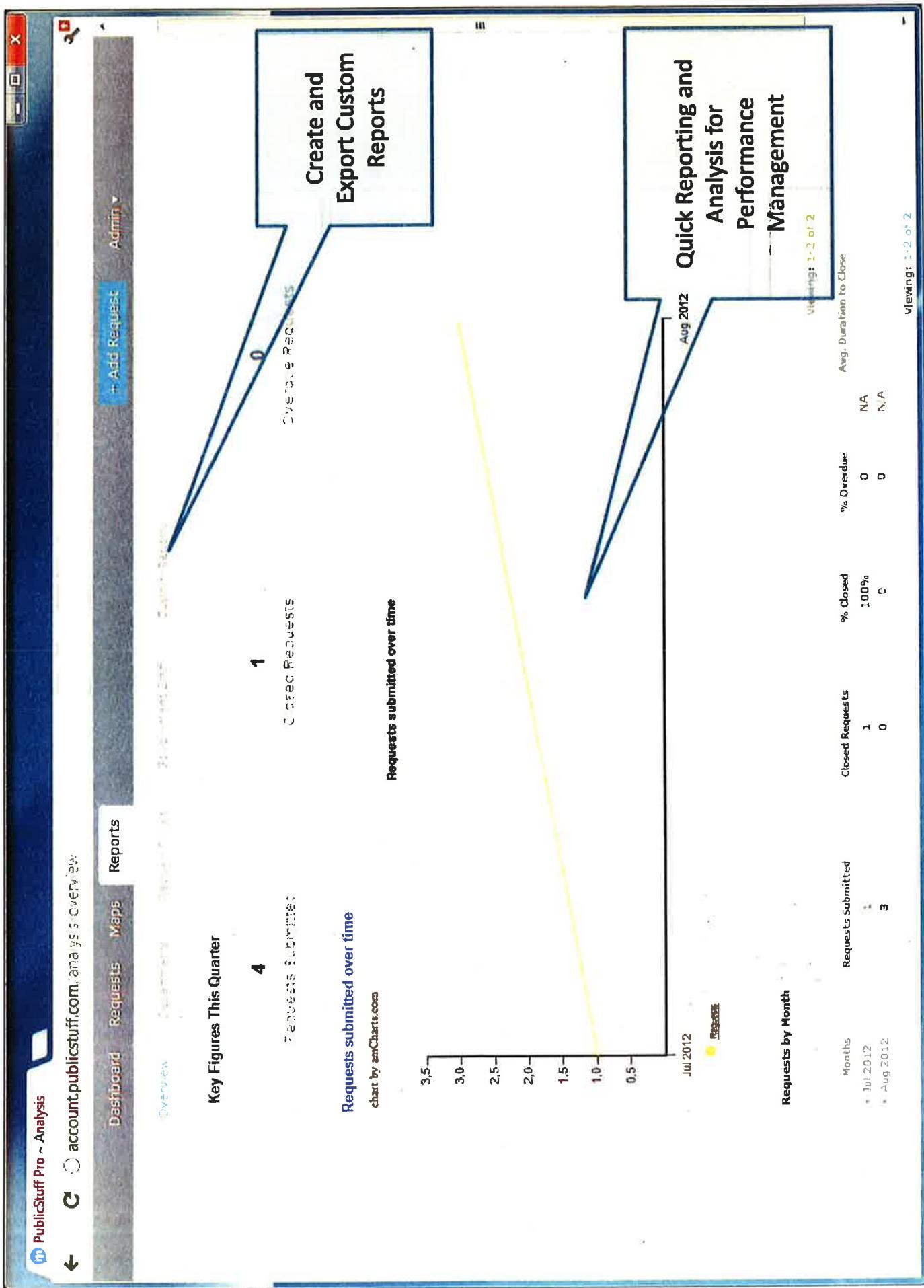
- A prominent orange line layer representing a boundary or route.
- Yellow shaded areas representing different zones or land uses.
- Green dashed lines representing roads or paths.
- Small brown dots scattered across the map.

On the right side of the map, there's a callout box with the text "Powerful Analysis for Requests on GIS Map Layers".

At the bottom left, there's another callout box with the text "Upload Live GIS Map Service or Static Layers".

On the far right, a sidebar titled "Tree Branch Test" contains the following fields:

Source (Layer) Data
Address
City
State
Description
Starts
Ends



PublicStuff Pro

account.publicstuff.com/admin/global

Welcome PublicStuff Admin | Palo Alto is on a pro-account | Support | Marketing | Logout

Dashboard Requests Maps Reports

SYSTEM Add Dept. Add Service

+ Add Department

Collapse All

Unassigned

- Dangerous Condition
- Environmental Issue
- Garbage Issue
- Health Hazard
- Homeless Nuisance
- Housing Issue
- Noise Complaint
- Other
- Other (Non-City)
- Police Issue
- Pothole
- Redevelopment
- Signage Issue
- Transportation Problem

Name:

Phone:

Website:

Default Employee:

Office Address:

Zipcode:

City:

State:

Admin ▾

System Setup
System State
Module Setup
Config

- Add Request

Internal and External Requests

Easy and Robust Service Request Set-up

Products | About Us | Contact Us | Training | Change Log

© 2010-2012 PublicStuff Inc. All Rights Reserved

account-dev.publicstuff.com/admin/global

Welcome -comms admin | Loomis is on an express account | Support | Marketing | Logout

PublicStuff PRO

Dashboard Requests Maps Reports Details iPhone

Robust Branding Capabilities

Mobile App Details

App Name: Loomis, CA
Ex: City311

Tagline: A Small Town Is Like A Big Family
Ex: The Big Apple

Description: The Town of Loomis is a quaint, family-oriented community. Established in 1850 and incorporated in 1984, Loomis retains its rural character and charm with its large residential lots and custom homes, an old-fashioned downtown, and woodlands with natural streams and rolling hillsides.

New Request:  Nearby Requests 

Contact Us 

Calendar 

Agendas 

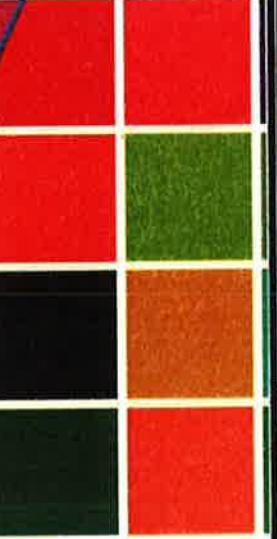
Emergency Contacts 

Downloads 

Images

Icon:  Change Icon (112px x 112px)

Skyline:  Change Skyline (640px x 360px)

Color: 

Cutting-Edge, Real-Time Mobile Customization and Management Tool



PublicStuff Pro

account.publicstuff.com:8080/loomis

Welcome Loomis admin | Loomis is on an express account | Support | Marketing | Logout

Dashboard Requests Maps Reports Widgets iPhone

Widgets + Add Request Admin ▾

+ Add Widget

New Request RSS Feed

Type: * Name: *

Description: An RSS feed for your citizens! Add as many feeds as you like!

RSS URL: Logo: *

Calendar Contact Us Emergency Contacts Agendas

Create Unlimited Custom Widgets for Mobile Civic Engagement

Loomis, CA A Small Town Is Like A Big Family

New Request Nearby Requests

Contact Us

Agendas

Emergency Contacts

Calendar

My Town

Logout

Citizen Engagement Portal

The screenshot shows a web-based citizen engagement portal for the town of Loomis, California. At the top, there is a header with the town name and a small logo. Below the header, there are several action buttons: 'FOLLOW' (with a user icon), 'WEBSITE' (with a globe icon), 'GET THE APP' (with a smartphone icon), 'NEW REQUEST' (with a plus sign icon), and 'Enter Request ID' (with a search icon). A banner below these buttons reads 'A Small Town Is Like A Big Family'.

The main content area features a map of the town with several red markers indicating specific locations or requests. To the right of the map, there is a sidebar with the following sections:

- REQUESTS**: Shows 9 recent requests.
- CALENDAR**
- CONTACT US**
- EMERGENCY CONTACTS**
- AGENDAS**
- PUBLIC PLACES**

Below the sidebar, there is a 'FILTERS' section with dropdown menus for 'Most Recent' (set to '30 FRI, 6 AM') and 'Viewing 2 requests'. The requests listed are:

- Pothole - test**: Status: **SUBMITTED**
- Dethole - test**: Status: **PENDING**

At the bottom left, there is a section titled 'About this City' with a brief history of Loomis. On the right side of the page, there is a small sidebar with the text 'Citizen Engagement Portal'.

 PublicStuff ~ Loomis

    www.publicstuff.com

 PublicStuff

Loomis, CA

A Small Town Is like A Big Family



Showcase City Responsiveness



FOLLOW  **WEBSITE** 

VIEW REQUESTS  **CALENDAR**  **CONTACT US**  **EMERGENCY CONTACTS**  **AGENDAS**  **PUBLIC PLACES** 

MAP **SATELLITE**

FILTERS

SORTING BY **Most Recent** **Viewing 2 requests**

Pothole - test 
SUBMIT 

Pothole - test 
SUBMIT 

About this City
The Town of Loomis is a quaint, family-oriented community. Established in 1850 and incorporated in 1984, Loomis retains its rural character and charm with its large residential lots and custom homes, an old-fashioned downtown, and woodlands with nature... 

Neighborhood Exploration Map 



SOCIAL

MOBILE

LEARN MORE

PublicStuff ~ Uneven sidewalk

www.publicstuff.com is a civic community resource connecting people, business, and government.

Enter Request ID:

Submitted on 09-12-2012

On Track on 04-10-2012

CLOSED on 04-10-2012

In Progress on 04-10-2012

Map **Satellite**

Social Media Integration

Send **Tweet**

Flag as inappropriate

1 FOLLOWING

1 SUPPORTING

Tripping hazard on hockins and hudson

Detailed Request Information

cdrechslr on April 11, 2012

3/25/12 - visited site with sidewalk contractor: scheduled work for 3/27/12.

4 COMMENTS

cdrechslr on April 11, 2012

3/27/12- contractor removed sidewalk, installed rubber sidewalk. Job completed. Sidewalk level again. Pictures of finished product will be posted at a later date.

Centralized Follow-up

CITY INFO

Medium

cd-PW-Right of Way

mrnarahara on April 11, 2012

Thank you Redwood City!! This sidewalk defect is along my normal dog walking route. I will no longer have to worry about tripping especially when it's dark! Kind

Communication

Redwood City, CA

72% OF REQUESTS COMPLETED

A community of just over 75,000 people, a center of high-tech industry, and the midpoint of the heart of

ПублицСтuff ~ Неравни

www.publicstuff.com

Google translate Translated to: Serbian | Show original

Enter Request ID

Поднет на 09/12/2012

ПРИМЉЕН на 10/12/2012

У ТОКУ на 04/10/2012

ЗАВОРЕНО на 04/10/2012

Набавите Аплиција | Нови захтев

Навигација: Редвоод Цити | Ствари | Ствари Ствари | ИД: 50-21

Неравномерна тротоар

1 рирахара | 23. март. 2012

1 СЛЕДЕЋИ | 1 ПОДРШКА | Застава кад Неприкладан

Триплинг опасност за Холкинс и Худсон

Translation of Static and Dynamic User-Generated Content into More Than 57 Languages

4 коментари

Црцеџспер на 10. април 2012

Грађани Редвоод Цити

3/27/12 - Извођач уклонили тротоар, инсталацијан гума тротоар. Постоји завршије. Тротоар ниво поново. Слике готовог производа ће бити објављена накнадно.

Инфо Град

ИД 50421

Приоритет Средњи

ЦД-ПВ-Право Вам

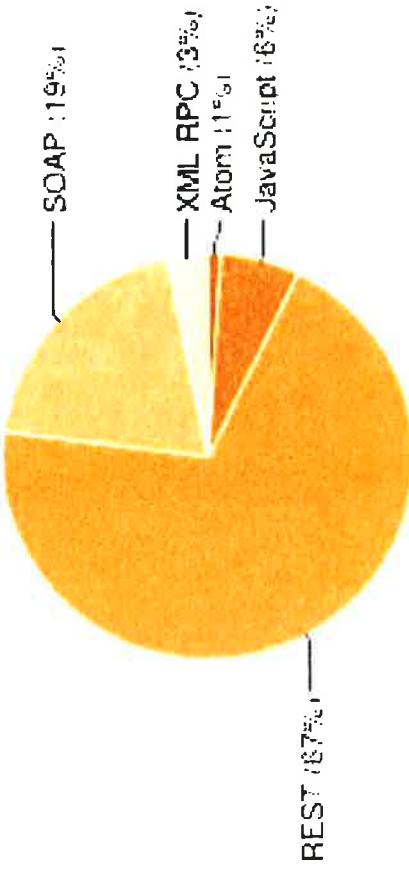
Редвоод Цити, ЦД

728 захтева завршених

Хвала Вам Редвоод Цити! Овај тротоар дефект је уз моје нормалне трасе паса ходање. Ја више неће морати да брину о томе салпитање, посебно када је мрак! Кинд Регардс, Мр Нарахара

Exceptional API Flexibility

Protocol Usage by APIs



“PublicStuff’s API is compatible with
100% of existing API protocols”

Bi-Directional Integrations

City Works

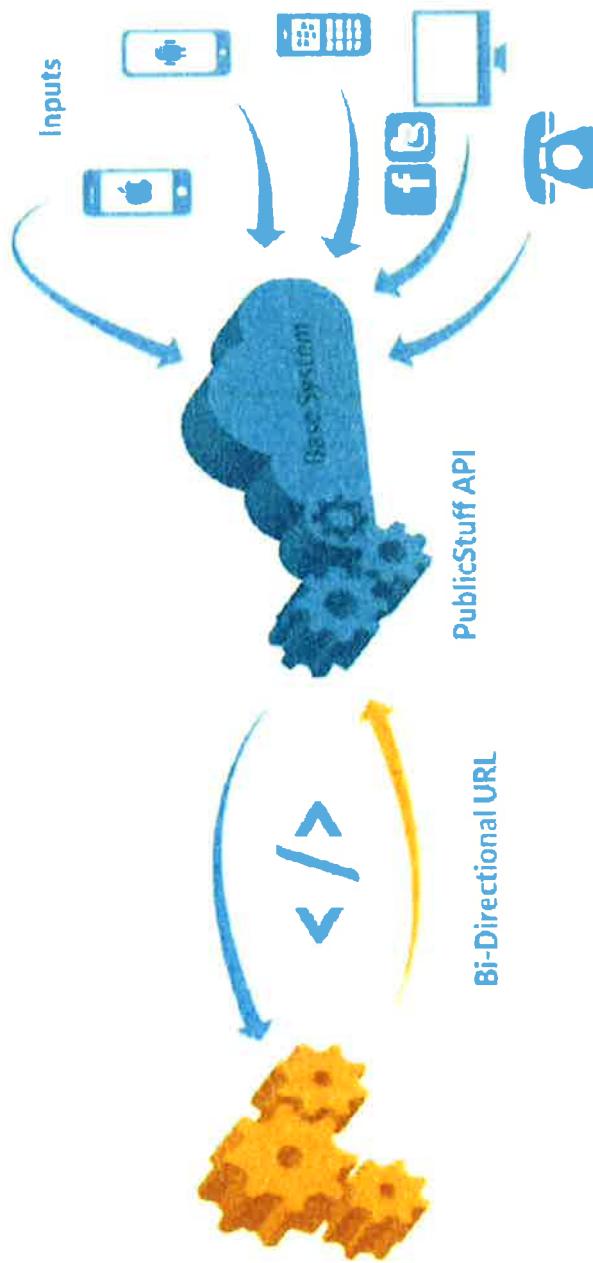
Hansen

Novo

Lucity

ESRI

Cartegraph

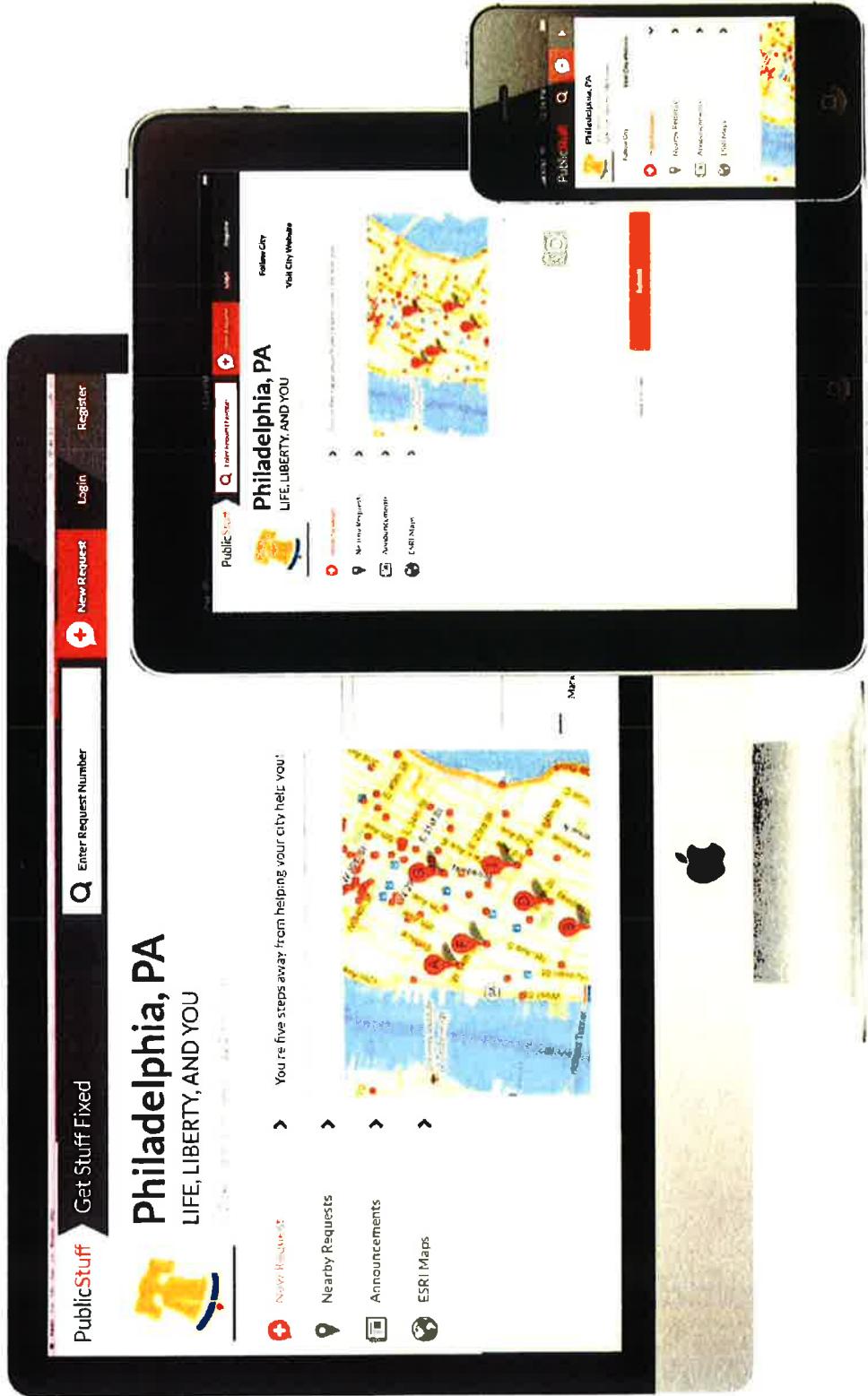


Save staff time, work in either system and see updates in both!

Website Integration



Responsive Design

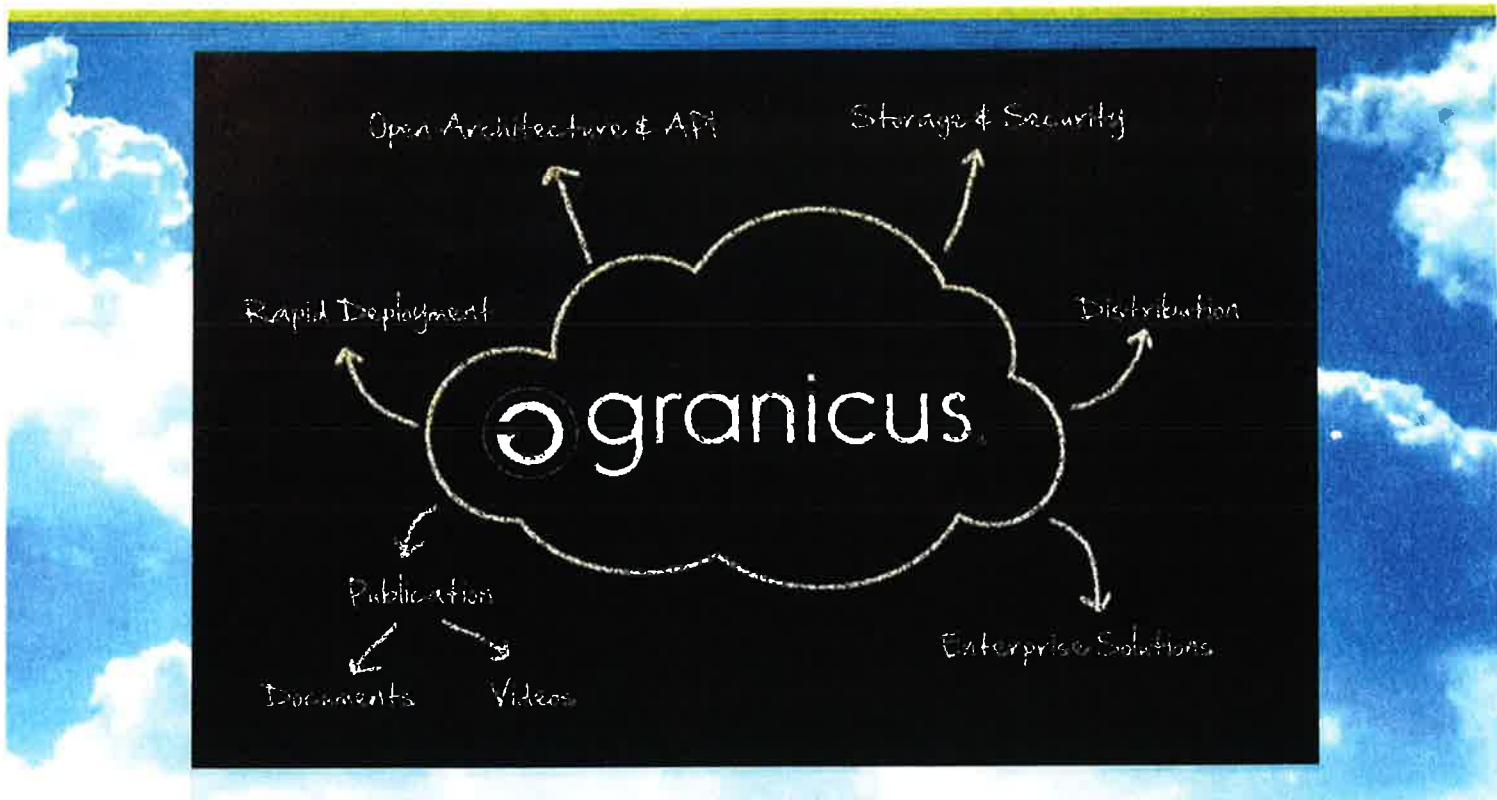




Download the App, It's Free!

1. Search "PublicStuff" from your phone's app store
2. Install the official PublicStuff App
3. Search for your city





Fully hosted, cloud-based foundation for all Granicus Suites

- Cloud-based content delivery platform that expands as your needs grow.
- Manage and store unlimited public meeting data.
- Upload and publish content including documents, videos and more.
- Leverage an open architecture and connect with existing systems.
- Get enterprise scalability through a world-class hosted infrastructure.

The leading content delivery platform for government.

The Open Platform is the cloud-based foundation for all Granicus applications. It allows government organizations to manage and store an unlimited amount of public meeting data. This foundation also includes the core of our content management, administration and distribution tools that are leveraged in each of our suites. The Granicus infrastructure includes free access to our APIs and SDKs to help you seamlessly connect your Granicus solution to systems in place at your organization.

On its own, the Open Platform can create a powerful website experience for citizens through a web portal. The Granicus Platform includes the ability to upload and publish content including videos and documents. Live video webcasting can easily be added to the Granicus Open Platform through our fully managed encoder.



Deliver important information to citizens through your website.

• Create a powerful website experience for citizens.

Improve your web presence by adding a centralized, up-to-date repository of public meeting information including meeting agendas, minutes and on-demand video. All information is available through a portal that matches the look and feel of your existing website. Citizens can easily subscribe to RSS feeds and receive notifications when new content is published online.

• Reach audiences with on-demand video.

Upload, index and publish archived videos to your website. Videos are re-encoded in H.264, allowing viewers to access media from mobile devices. Plus, videos can easily be shared to social networking sites or embedded on other webpages through the player.

• Leverage an open architecture and connect to in-house systems.

The Granicus Open Platform Application Programming Interface (API) and Software Developer Kit (SDK), allows customers to integrate with, or expand upon, existing systems. Our API is fully documented and supported, providing customers with the flexibility to share data with other government solutions already in place.

• Available to your entire organization.

With unlimited users and groups, secure login credentials, and controlled permissions, your entire organization can access the service from anywhere with an internet connection.

• Rapid Platform deployment - no up-front setup costs.

Our professional services team has made it incredibly easy for you to get started. The Granicus cloud-based infrastructure allows your agency to get up and running in no time.

Add live video streaming and reach audiences in real-time.

Easily add the Granicus Encoding Appliance to your Open Platform solution and stream public meetings and events live through your website. The Encoding Appliance is fully managed and pre-configured; all necessary upgrades, repairs or replacements are handled by Granicus.



Features for Staff

- Unlimited Content Storage & Distribution
- Open Architecture & API
- Archived Video Editing & Indexing
- Guaranteed Availability & Security
- World-Class Data Centers
- Encoding Appliance *

 - Live Event Streaming
 - Intelligent Media Routing

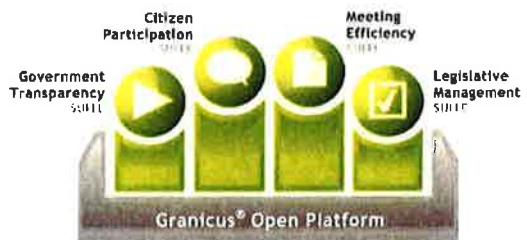
- Performance Accelerator ^

Benefits to Citizens

- Web Portal
- RSS Feeds for Video & Agenda
- Share Syndication
- High Resolution Player (480x360) at 600Kbps
- Flash**, HTML5** and Silverlight Video Players
- Mobile Device Streaming & Support**

* Software module or hardware sold separately

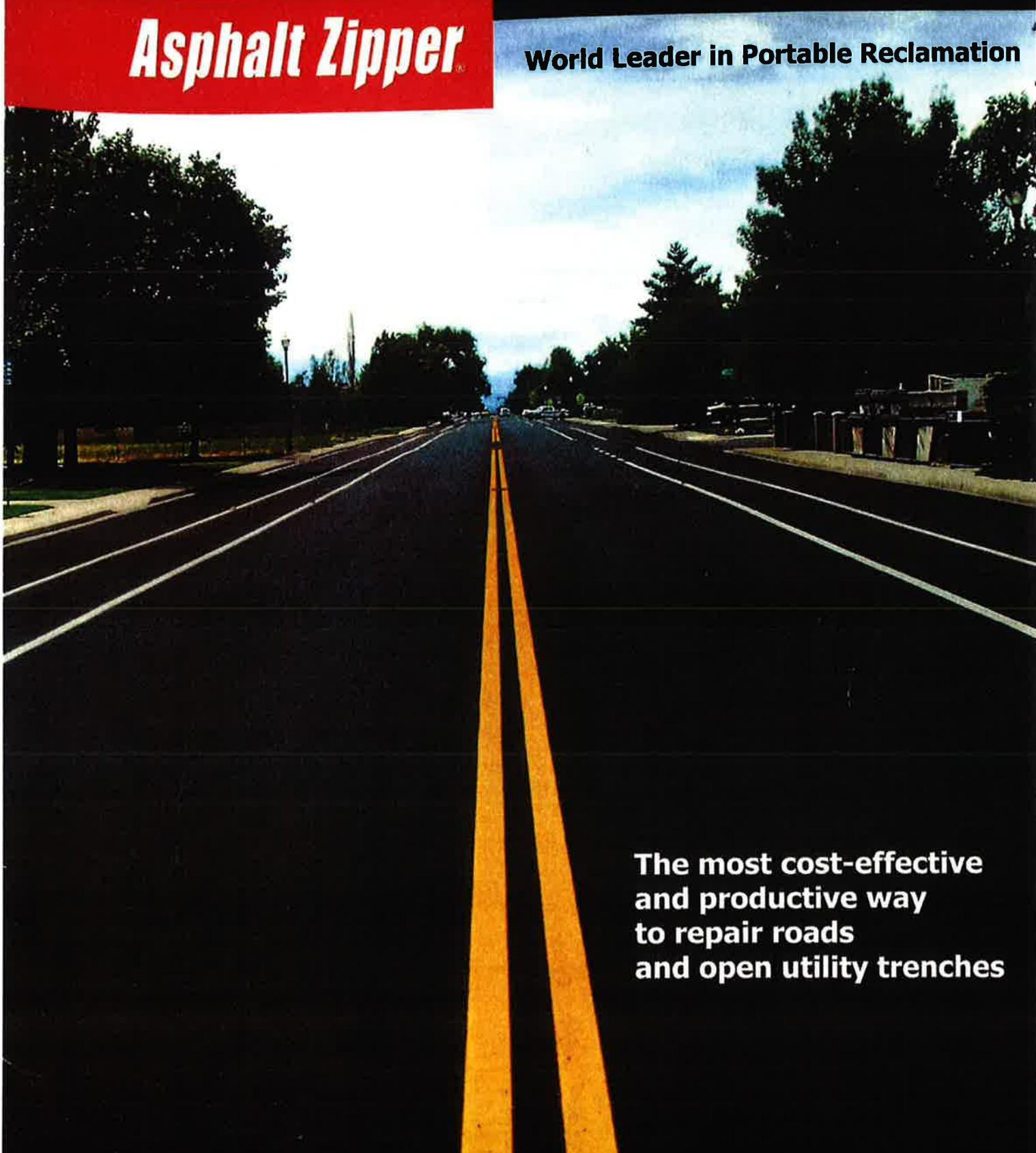
** Available for on-demand playback only



Easily add streaming, pre and live meeting automation, and citizen engagement functionality to the Platform with Granicus Suites.

Asphalt Zipper®

World Leader in Portable Reclamation



The most cost-effective
and productive way
to repair roads
and open utility trenches

What Road Professionals Are Saying



"In my 25 years in construction, prior to spending 11 years as a professor at the University of Florida, I feel the Asphalt Zipper is the most innovative product I've seen come out of the construction industry in my time."

Dr. Charles R. Glagola, P.E.
University of Florida; NOVA Juror



"I have seen the bigger machines work and I was skeptical of whether this smaller machine could wind up with the same type of product. Once you see the finished product, there is no difference. This machine will do everything that I have seen the bigger machines do."

Charlie Tewalt
Supervisor
Mt. Vernon, WA





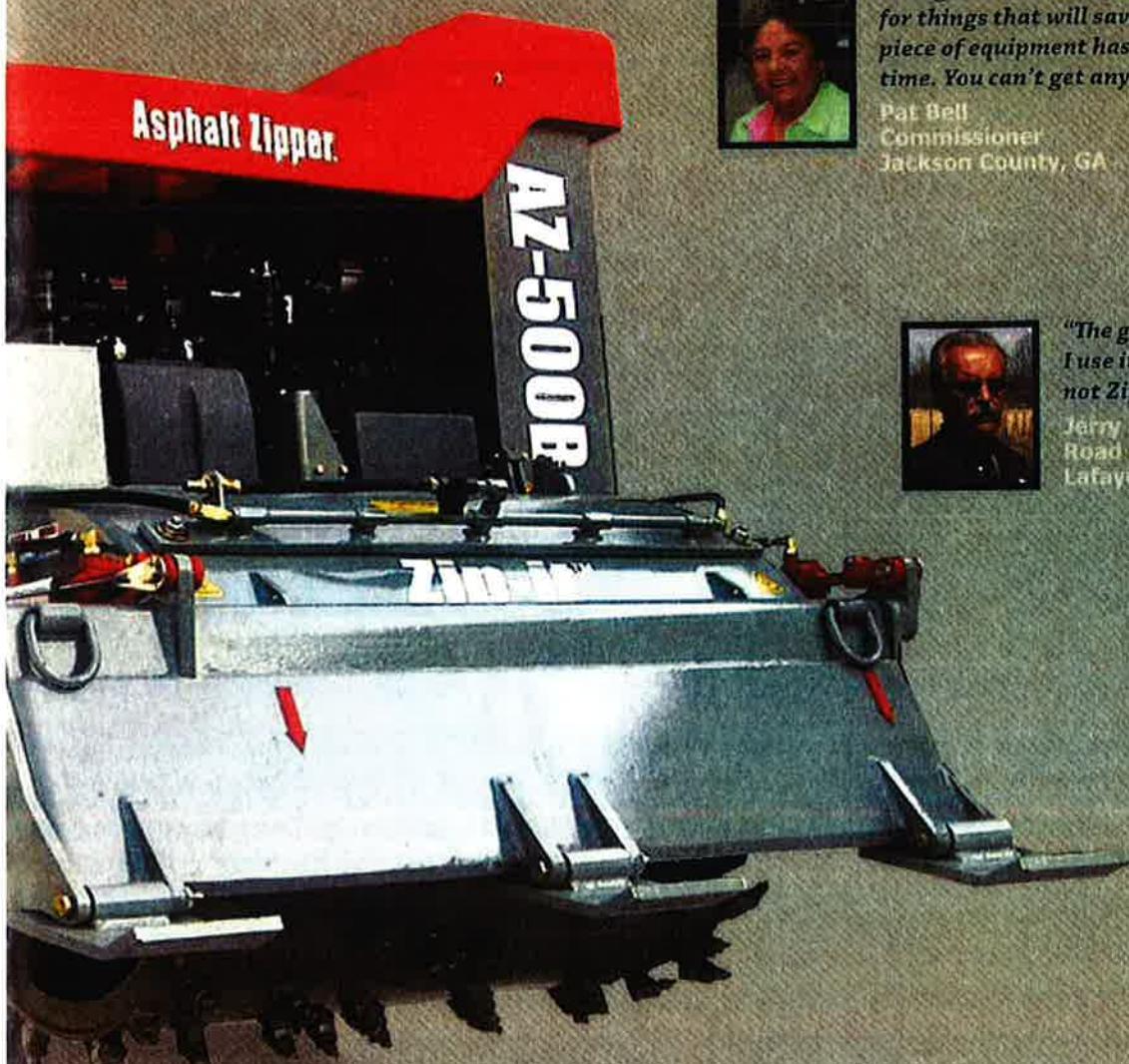
"I have been in this road business for 42 years. We have to find a way to make our money go farther and the Zipper is the best game in town that we have found. It totally exceeded my expectations."

Jerry Sikes
Public Works Director
Suwannee County, FL



"Budget is ever on my mind. I am constantly looking for things that will save us time and money. This piece of equipment has saved us both money and time. You can't get any better than that."

Pat Bell
Commissioner
Jackson County, GA



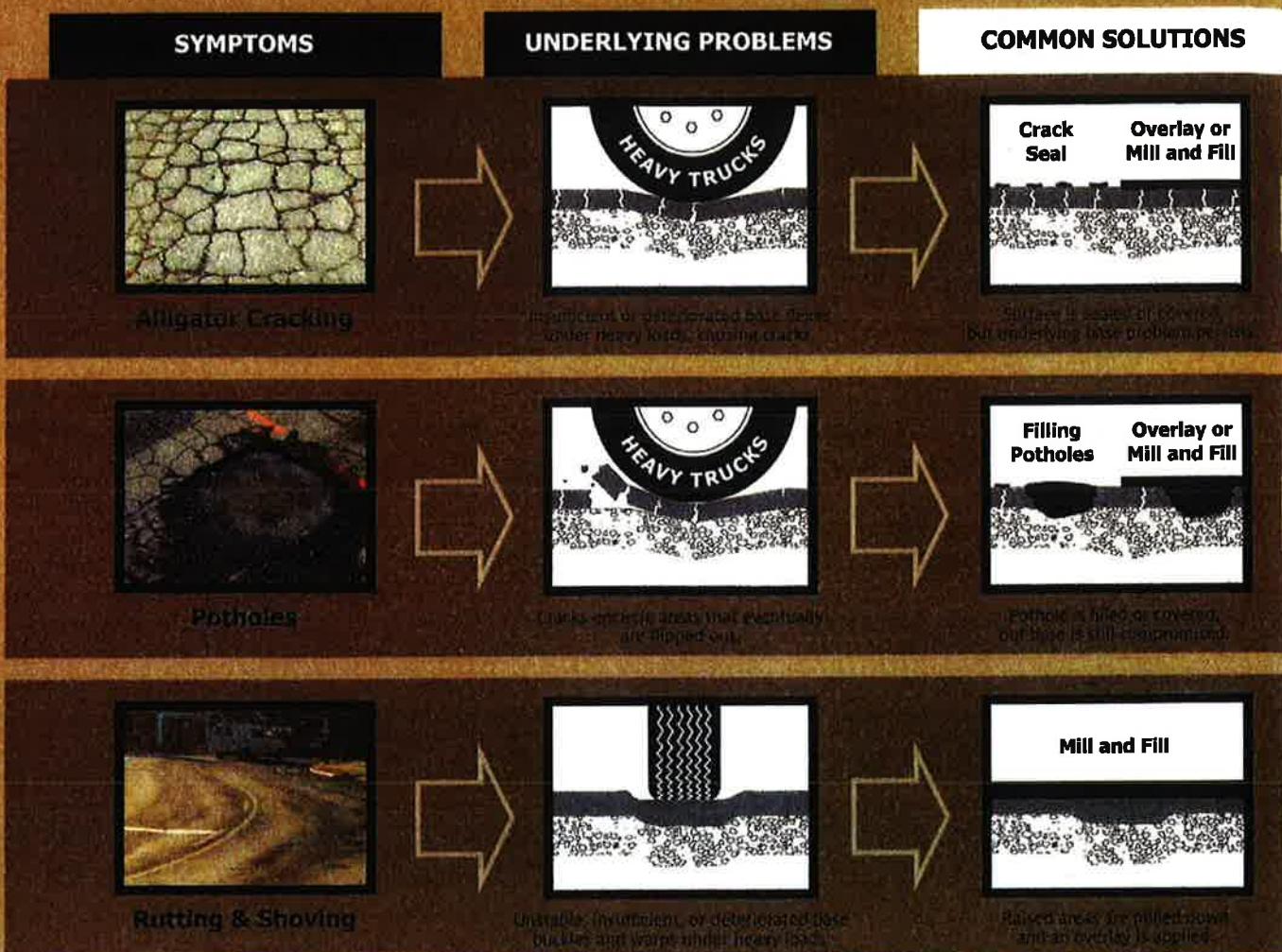
"The good thing about it is every time I use it I am saving money. If you're not Zipping, you are wasting money."

Jerry Haynie
Road Manager
Lafayette County, MS

Visit www.asphaltzipper.com to view the interviews of these and many other road maintenance professionals.

You can waste your time and resources doing temporary ...

Many common solutions to road and street problems are only temporary.

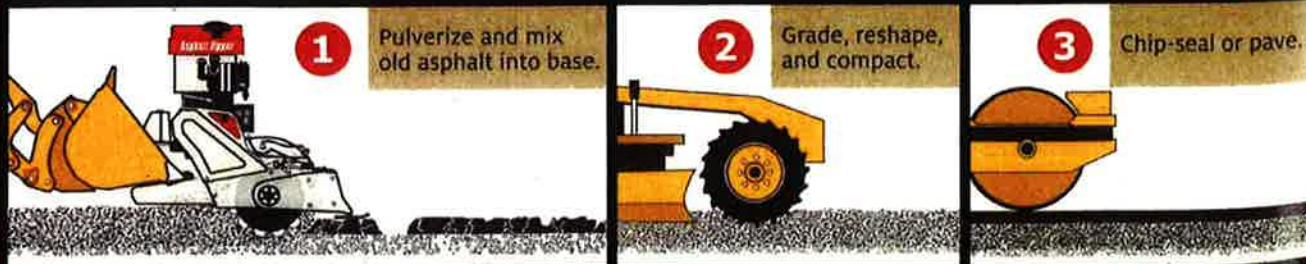


OR

You can solve the problems quickly and permanently ...

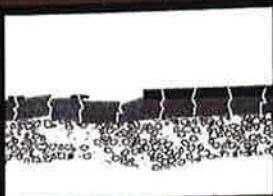
One cost-effective approach solves most common road and street problems.

FULL-DEPTH RECLAMATION WITH THE ASPHALT ZIPPER®

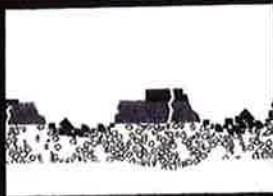


fixes over and over ...

LONG-TERM RESULTS



Cracks continue to surface
bottoms reappearing.



Cracks continue to surface
bottoms reappearing.



Deeper underlying problem was not
addressed; reappears in new surface.

**All of which
ultimately lead to ...**



*"Surface treatment ... is like
putting lipstick on a pig—
you can doll it up all you want
to, but you still have a pig."*

Terry Garrett
Road Superintendent
Brownwood, TX

RECONSTRUCTION

**A time-consuming
and expensive process**



Generally, the old asphalt has to
be ripped up and hauled off, the
subsurface replaced with new fill,
the roadbed recompacted,
and the road repaved.

LONG-TERM SOLUTION



New, stabilized base keeps problems from reappearing.



*Full-depth reclamation
projects we did ten years
ago: we haven't had to do
anything to.*

Fred Nardini
County Commissioner
San Patricio County, TX

How Full-Depth Reclamation Works

"Full-depth reclamation is a reclamation technique in which the full, flexible pavement section and a predetermined portion of the underlying materials are crushed, pulverized, or blended, resulting in a stabilized base course."

Asphalt Recycling and Reclaiming Association



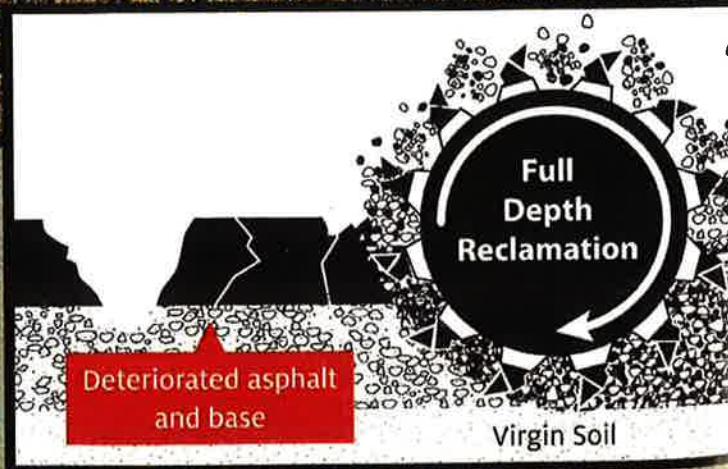
"I saw a need immediately with the Zipper in being able to reclaim that asphalt and incorporate it right back into the project, instead of wasting it."

Doug Davis, P.E.
County Engineer
Muskingum County, OH



"This material is wonderful for making a perfect base. We did cost studies using different types of reclamation processes and we found this one to be the least expensive."

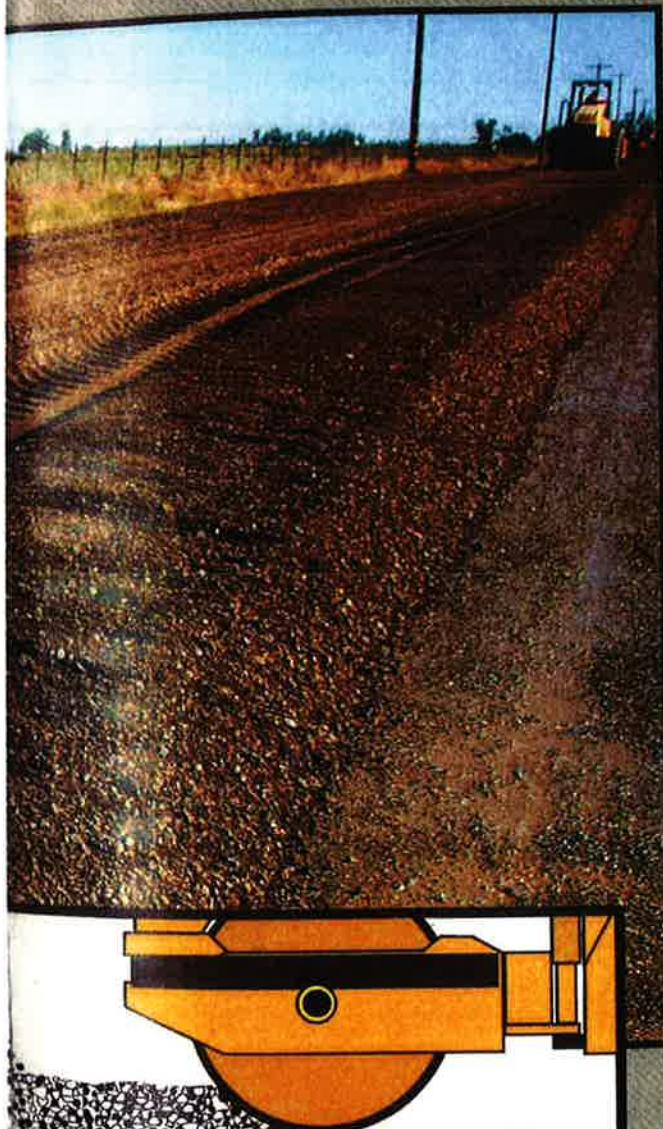
Bob Johnson
Public Works Director
Glenn County, CA





"The best part is that when we grind it we have a product we can use. It's not a waste product anymore. We can take a waste product and turn it into money and put it back in our pocket."

Joe Hoke
Road Superintendent
Del Norte County, CA



Uniform blend of
pulverized asphalt and
existing base

Compacted,
stabilized base

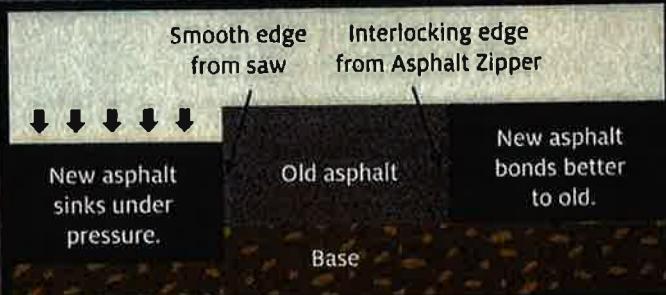
Superior Straight Edge

Creates better bonding surface
than a saw-cut edge.



University research has shown that the Zipper edge improves patch joint bond strength by 25 percent over a saw-cut edge.

Guthrie, PhD; Egget, PhD; Worminden, P.E., "Effect of Scarification on Asphalt Patch Joint Strength," Transportation Research Board Annual Meeting, 2005.



"The Zipper makes a very clean edge, which enables the asphalt crews to come in and join that and have a cold lap joint with no problem whatsoever."

J. J. DeCorby
Superintendent, Surerus Pipeline, Inc.
British Columbia

One Machine, Multiple Uses

FULL-WIDTH ROAD REPAIR



"We can do a mile a day. What would have taken 6 to 8 weeks to dig out, we did in 2 weeks with the Zipper."

Stephen Stangland
Road Superintendent
Lake County, CA



SHOULDER STABILIZATION



"It used to take 2 guys a full day to do what we do in less than 2 hours with the Zipper."

Mike Stenhouse
Street Superintendent
Renton, WA



PATCHING/POTHOLES



"Where we used to be able to do 2 a day when we did dig-outs, now we can do 10 to 15 with the Zipper."

Russ Harvey
Operations Manager
San Juan County, WA



PARKING LOTS



"We can pulverize a 10,000 to 17,000 square foot parking lot by mid-morning and have it graded and ready to pave by mid-afternoon."

Jay Armstrong
President, McCann Paving
Stratford, Ontario, Canada

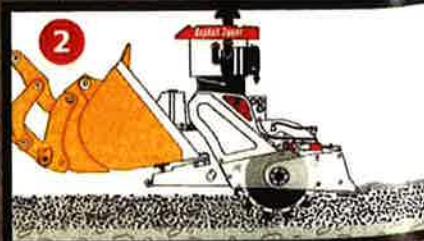


Using Additives

Mixing in additives with the Asphalt Zipper® can provide even greater stability and strength.



Spread additional material or additive
(crushed rock, cement, fly ash, lime, etc.).



Uniformly blend with an Asphalt Zipper®

GRAVEL ROADS



"We also use it on our gravel roads. They're hard as a rock! We can do up to a mile and a half in one day."

Edgar Laney
County Commissioner
Palo Pinto County, TX



OPENING UTILITY TRENCHES



"We're able to grind a 1000 feet long ditch 9 feet wide in 2 hours to get ready to excavate. It would normally take us 2 days!"

Frank Triplett
Water Division Manager
Spokane, WA



"I can't think of a more cost-effective and sustainable way to eliminate chronic pavement distresses than through FDR (full-depth reclamation). It has been my experience that the incorporation of small amounts of additives such as cement or fly ash can turn even the worst roadways into stronger, more durable, and longer-lasting pavements."

Greg Halsted, P.E.



Milling with the Asphalt Zipper®

While the Asphalt Zipper is primarily used for full-depth reclamation, users are also realizing significant cost savings by using it for partial-depth milling operations as well.



"With labor, fuel, and asphalt the total job for all four decks came in at just under \$100,000, saving the state \$250,000."

State Department of Transportation

"We use it for everything. We use it on softball diamonds, trenching, for reclaiming, and on our gravel roads. The more we own it, the more we find to use it. Once you have it, you aren't going to live without it. Really."

Frank Shea
Street Superintendent
Wellesham, MA

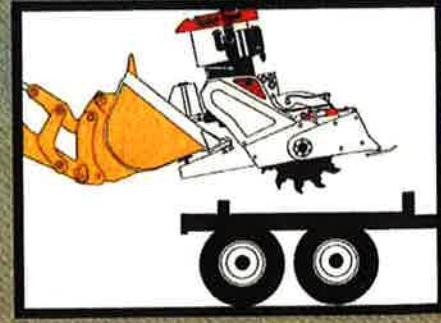
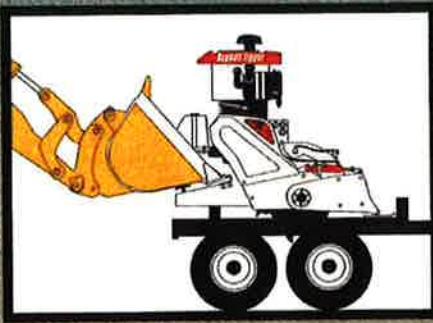
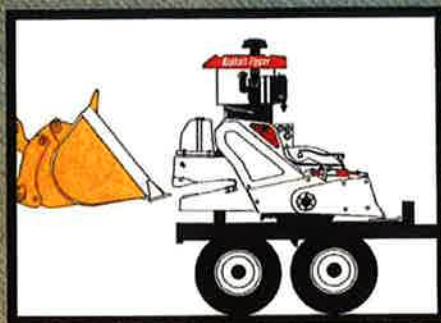


Easy to Use

Versa-Mount™ Easy-Connect System



Asphalt Zipper's patented Versa-Mount™ universal bucket mounting system allows the Zipper to fit the widest possible range of loaders, backhoes, and skid steers. The Asphalt Zipper® mounts securely in just minutes. Optional quick-connect system also available.



"One of the things we like about it is the portability. We can put it on any loader we've got in any section. I have six sections in the county and one Asphalt Zipper. It's a do-all piece of equipment."

Paul Wynek
Supervisor of County Roads
Burlington County, NJ



Easy to Operate



"Our crew has really liked it. It is easier on them to do a good day's work."

Wayne Dierlam
County Commissioner
Victoria County, TX



Easy to Transport

on custom trailer (included)



"It's great; the guys love it. It's real simple, easy to transport, and easy to use."

Marty DiAlexander
Street Supervisor
Ft. Lauderdale, FL



Easy to Maintain



"The guys like it a lot. It makes their job simpler for them. ... The amount of maintenance I have had to do on it ... has been very minimal and it makes my job easier."

Chuck Cailari
Fleet Manager
North Miami Beach, FL

Superior Results That Cost Less



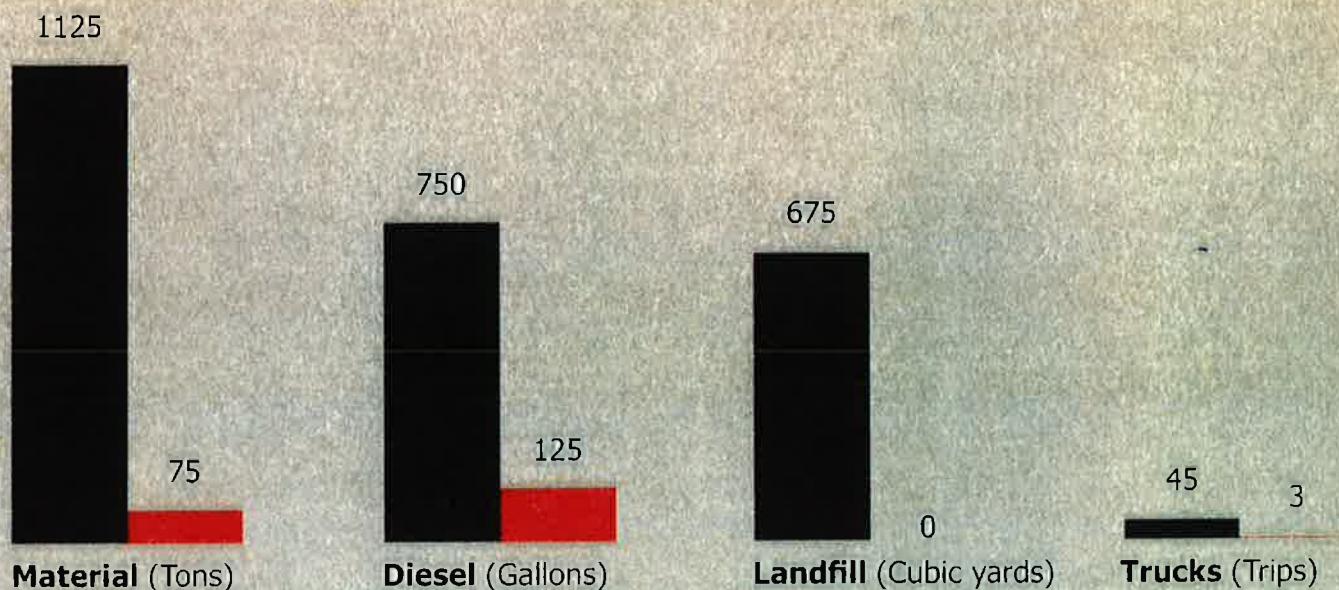
"There's no way the Zipper can't save money—unless you purchase it, park it in the garage, and never use it."

Mark L. Lewis
Street Superintendent
Tallahassee, FL

Zipper users report significant cost and time savings in their road repair and trenching work.

Comparative Cost of Full-Depth Reclamation (FDR) versus Conventional Reconstruction

Quarter-mile 24-foot-wide road with 6" thick asphalt



Source: Portland Cement Association study.



"Whether you're going to be out there 2 weeks with a crew or 4 hours—that's your justification for purchasing a Zipper."

Richie Beyer, P.E.
County Engineer
Elmore County, AL



"We can do more in a day with the Zipper than we could do the old way with a backhoe in a week."

Jake Jones
Road Manager
Lamar County, MS



"We can mobilize within minutes and get done in a couple of days what would have taken us weeks."

Kelvin Baker
Director
North Miami Beach, FL



"When we saw it cut 300 feet of trench in 20 minutes we were all standing around with our mouths open. We can now do in 15 to 20 minutes what used to take all day."

Johnny Beane
Utility Superintendent
Blacksburg, VA

4 Ways Zipper Owners Are Saving Money:

Reusing existing material and reducing expense of material haul-out and haul-in



"The taxpayers have already paid one time for what's on the road. Why make them pay for something else when you can reuse what's already there? We're cutting our costs and time at least in half!"

Dennis Corder
District Supervisor
Pontotoc County, MS

Doing work in-house with own crews



"I don't have to bring in outside contractors. We can get the job done between $\frac{1}{4}$ and $\frac{1}{2}$ of what the bids are for."

Bruce Heimann
Commissioner
Will Township, IL

Cutting down on repeat repairs



"With the Zipper you can fix it and be done permanently. You're not coming back on a repeat and wasting money. You're doing it once, doing it right. That's where the Zipper really pays off."

Jerry Meyer
Commissioner
Washington Township, IL

Freeing up labor and resources for other projects



"What would have taken 6 guys all day, 2 guys can do in $1\frac{1}{2}$ hours. Doing a job in $\frac{1}{2}$ of the time means you can now move onto other city services that need to be done and the money saved can be used for other jobs."

Jay Olson
Public Works Director
Crown Point, IN

Are you already paying for a Zipper without getting the benefits?



"When we saw this product it was mid-budget year. It was not in our budget. We were going to spend the money anyway. We were going to spend it and throw it away and spend it again every time. Why not buy this piece of equipment, become more productive and eliminate those costs forever? It took some swaying from the rules but it has worked out beyond even our finance office's expectations."

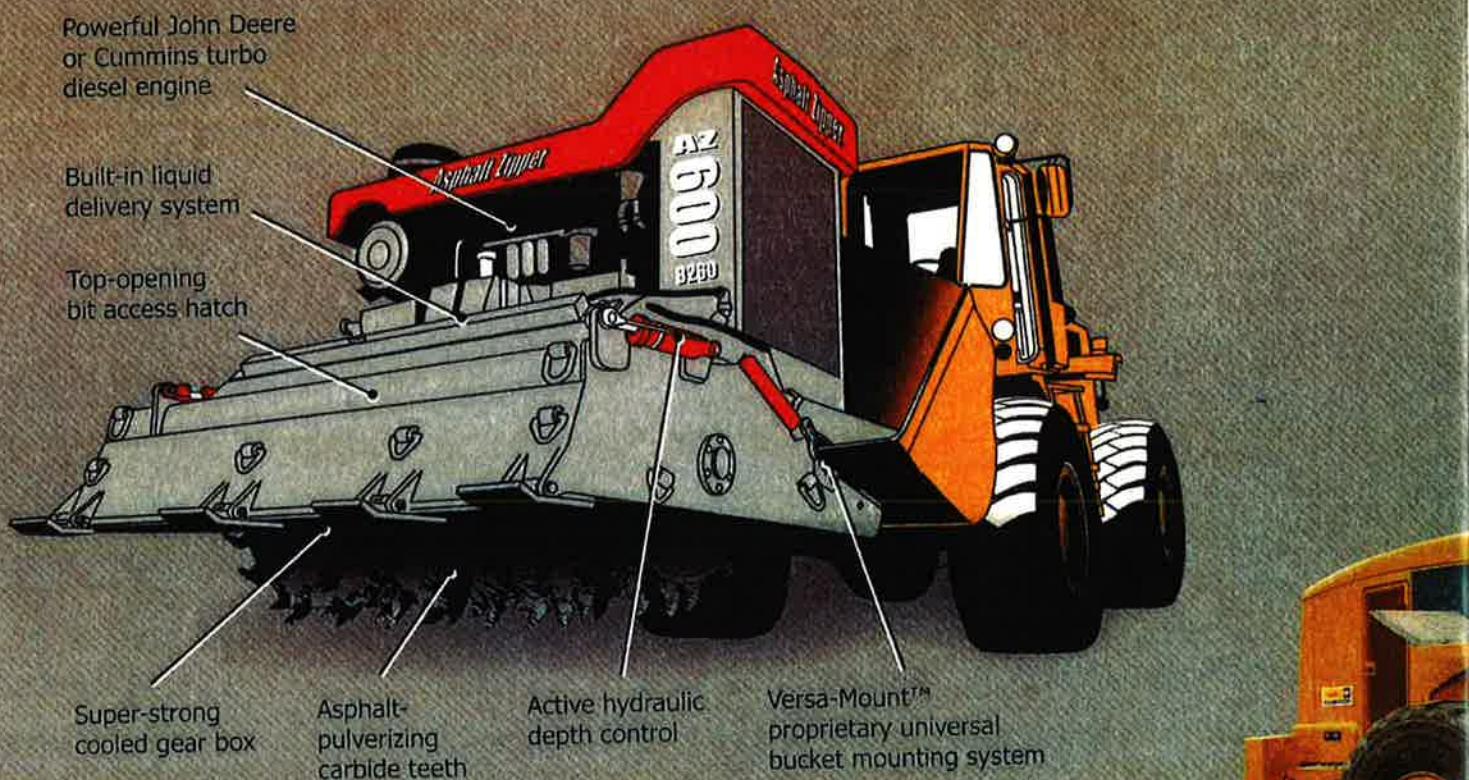
Mark Eddington
Utility Superintendent, Pompano Beach, FL

Anatomy of a Zipper



Six Sigma Certified Manufacturing

Asphalt Zipper's Six Sigma Black Belt-certified engineers employ proven methodologies to minimize defects and variability in every aspect of the design and manufacturing process.



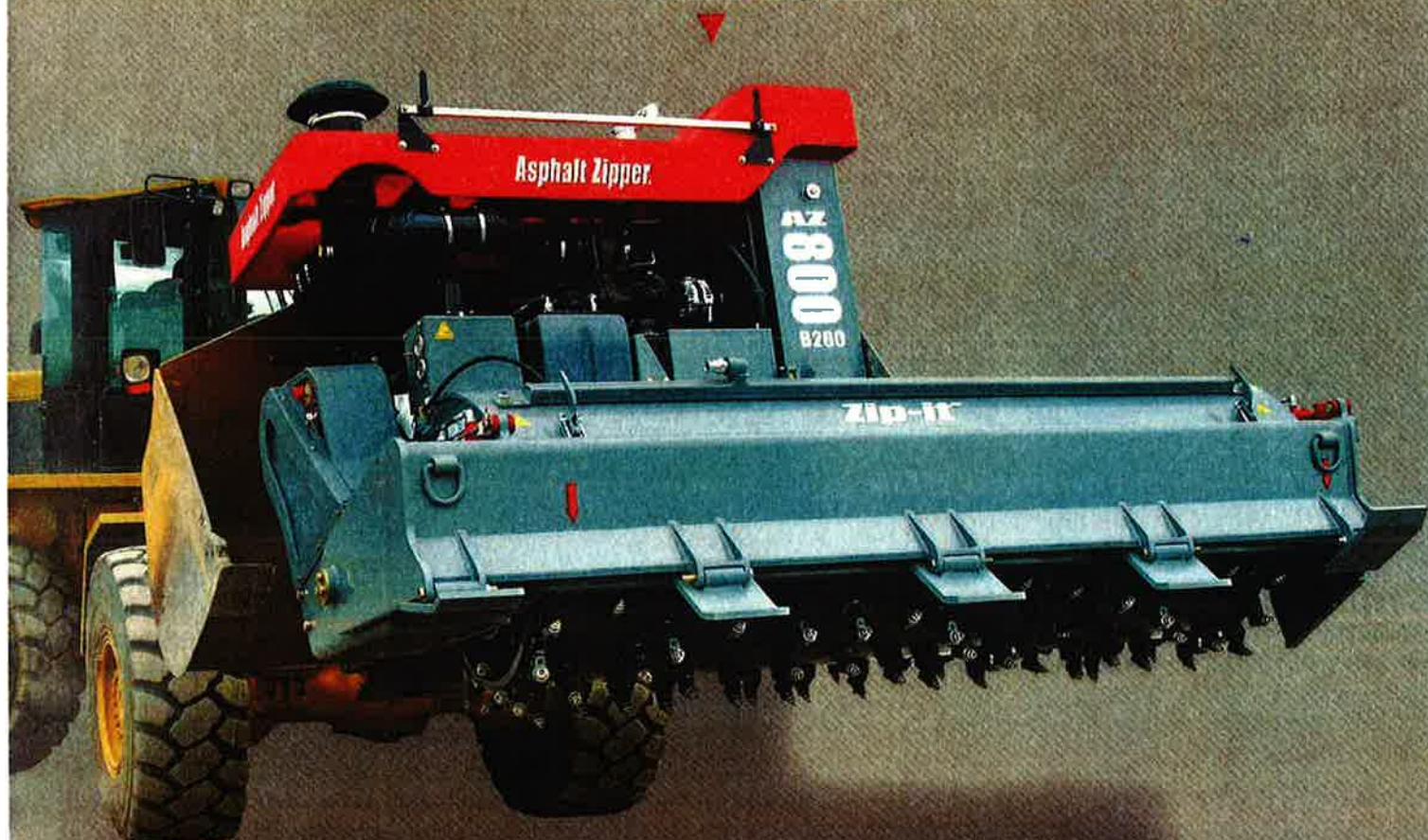
Precision Engineering

Over the years our dedicated team of engineers responding to the input and needs of customers have set new benchmarks in design, power and performance. Four generations of machines later, utilizing state-of-the-art design and manufacturing methods, Asphalt Zipper builds the most productive and affordable asphalt reclamation attachments in the world.



Wide Range of Models

AZ-800B	8 foot	2.4 meter
Fits large loaders		
Cutting Width	96"	2438 mm
Maximum Depth	12"	305 mm
Engine Type	Cummins	
Engine Sizes	203 hp 260 hp	
Weight	11,150 lbs.	5058 kg
Other cutting widths available		



AZ-500B	4 foot	1.2 meter
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Fits mid to large loaders

Cutting Width	48"	1219 mm
Maximum Depth	12"	305 mm
Engine Type	John Deere Cummins	
Engine Sizes	99 hp 140 hp 173 hp 203 hp 260 hp	
Weight	8250 lbs.	3742 kg

Other cutting widths available

3' model available (AZ-400B)

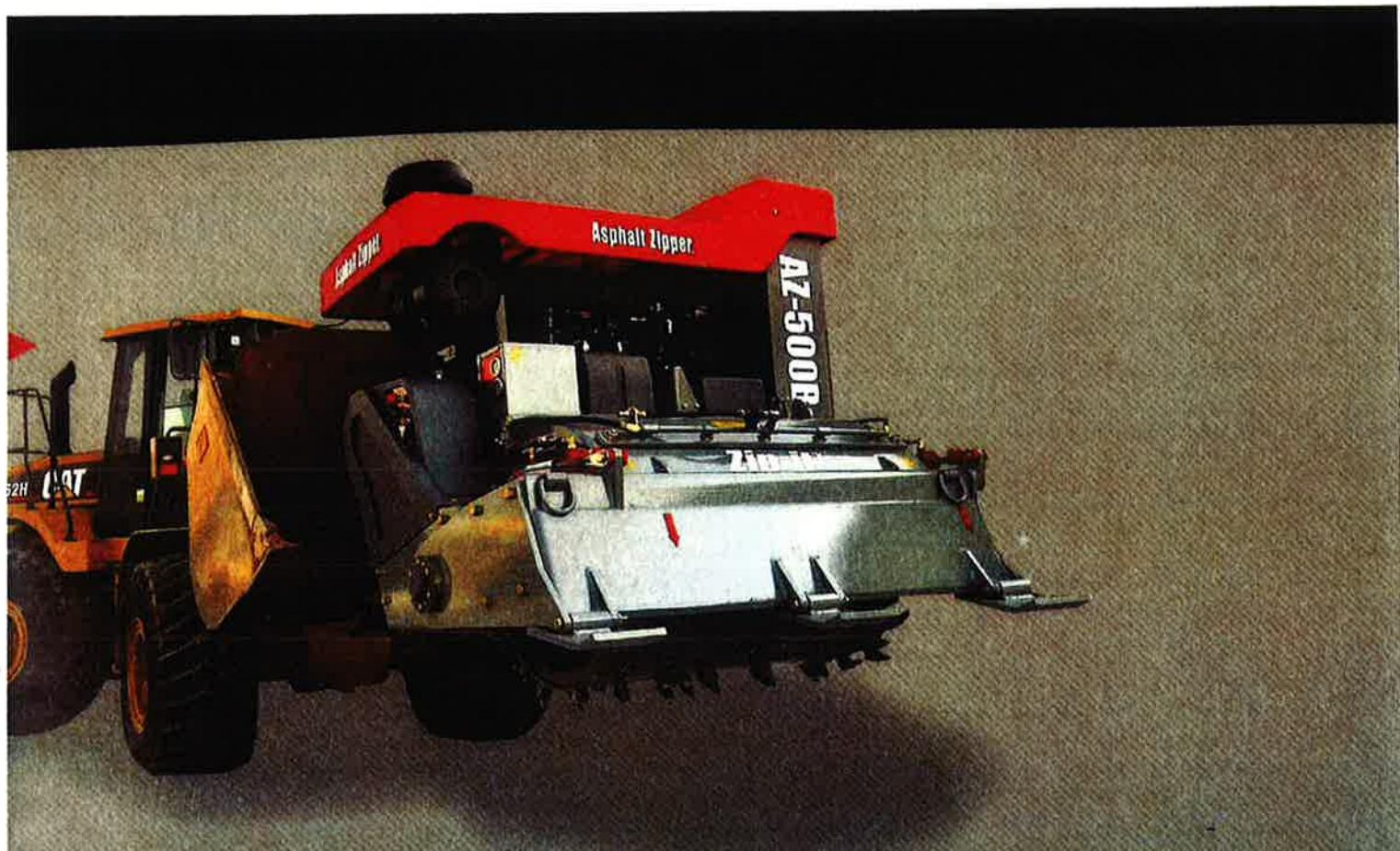
AZ-600B	6 foot	1.8 meter
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Fits mid to large loaders

Cutting Width	72"	1829 mm
Maximum Depth	12"	305 mm
Engine Type	John Deere Cummins	
Engine Sizes	173 hp 203 hp 260 hp	
Weight	9450 lbs.	4286 kg

Other cutting widths available





AZ-360B	3 foot	0.9 meter
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Fits most loaders

Cutting Width 36" 915 mm

Maximum Depth 12" 305 mm

Engine Type John Deere

Engine Sizes 66 hp | 99 hp | 140 hp | 173 hp

Weight 6650 lbs. 3016 kg

Other cutting widths available

4' model available (AZ-480B)



AZ-300B**2½ foot****0.8 meter**

Fits most backhoes

Cutting Width	30"	762 mm
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Maximum Depth	10"	254 mm
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Engine Type	John Deere
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Engine Sizes	66 hp 99 hp
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Weight	4500 lbs.	2041 kg
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Other cutting widths available

**AZ-200C****2 foot****0.6 meter**

Fits most medium skid steer tool bars

Cutting Width	24"	610 mm
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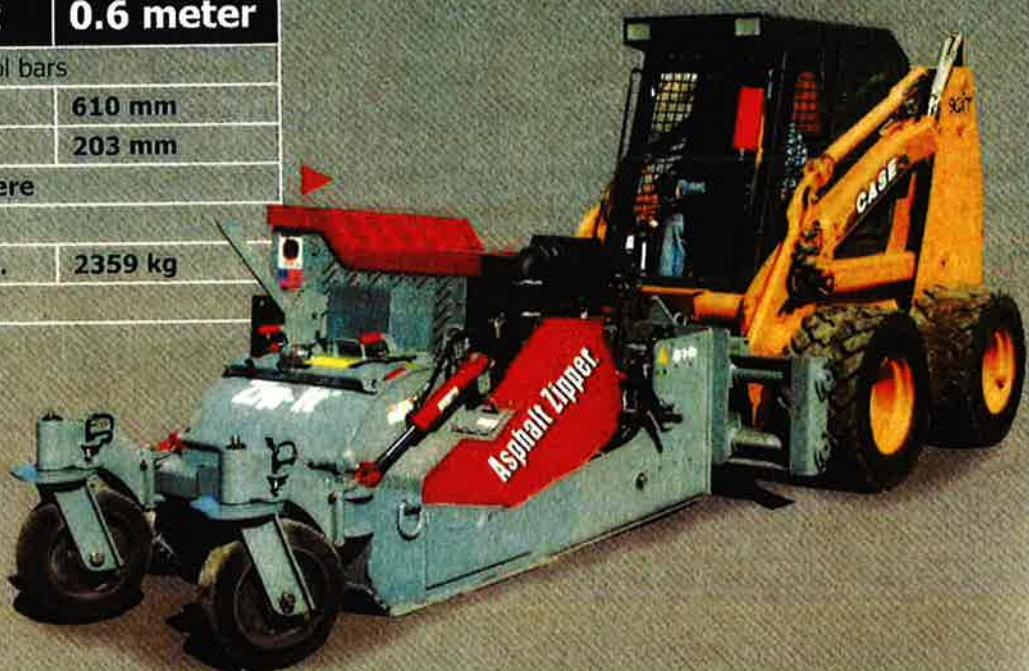
Maximum Depth	8"	203 mm
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Engine Type	John Deere
--------------------	------------

Engine Size	66 hp
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Weight	5200 lbs.	2359 kg
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Other cutting widths available



Accessories

Cutter Heads

Choose the type of cutter head best suited to your needs. Cutter heads are available in 18", 24", 30", 36", 42", 48", 72", and 96" widths. Custom sizes also available.



Standard

Good all-around cutter head for a wide variety of jobs. Designed to handle most asphalt recycling applications.



Extra Fine

Produces finer material.
Engineered specifically for thinner deteriorated asphalt.



Z-Mag

Our heaviest-duty cutter head, engineered to provide greater production in thicker asphalt.

GrindBox™



Enhanced pulverizing capability in thin, cracked and severely alligatored asphalt

Using an asphalt grinder of any type on chip seal or on thin or badly alligatored asphalt typically leaves larger chunks in the finished product. The increased processing capability of Asphalt Zipper's GrindBox™ (patent pending) produces the finest material achievable in this type of material.

Water System



Quick-Connect with Side Shift and Tilt



Asphalt Zipper's optional quick-connect system secures into the Versa-Mount™ bucket slot. Its side shift and tilt capability provides an impressive 36 inches of reach and 9 degrees of tilt, making profiling and grinding next to curbs a snap. Also, the quick-connect system can be removed when you want to use the Zipper on other loader buckets.